

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030702.D
 Acq On : 06 Apr 2024 10:38
 Operator : MA/JU
 Sample : P1893-04MSD 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E07D1MSD

Quant Time: Apr 07 12:12:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Supervised By :mohammad
 ahmed
 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	158033	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.475	136	766575	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	558886	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1216640	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1178273	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1399089	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9160	2.718	ng/uL	0.00
4) Pyridine-d5	3.599	84	136638	13.520	ng/u1	0.00
7) Phenol-d5	6.857	99	116691	9.128	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	298210	37.767	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	316600	32.646	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	224395	20.943	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	224521	42.222	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	232294	47.751	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	410846	38.577	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	586941	33.476	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1703581	45.655	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1798247	41.914	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	79352	11.118	ng/u1	0.00
60) Fluorene-d10	15.328	176	1406587	43.077	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	280353	52.206	ng/u1	0.00
73) Anthracene-d10	17.180	188	2335171	44.547	ng/u1	0.00
81) Pyrene-d10	19.480	212	2833880	44.735	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	3109987	48.242	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	20322	5.628	ng/uL#	1
5) Pyridine	3.622	79	135759	13.313	ng/u1	100
6) Benzaldehyde	6.840	77	276333	46.416	ng/u1	97
8) Phenol	6.887	94	122625	9.208	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.122	93	409986	37.751	ng/u1	99
12) 2-Chlorophenol	7.257	128	317543	30.523	ng/u1	97
13) 2-Methylphenol	8.128	108	248951	24.258	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.210	45	535228	35.000	ng/u1	98
16) Acetophenone	8.510	105	682117	40.322	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	340972	40.020	ng/u1	96
18) 4-Methylphenol	8.457	108	240278	20.914	ng/u1	99
19) Hexachloroethane	8.757	117	157266	36.056	ng/u1	99
22) Nitrobenzene	8.887	77	494205	38.071	ng/u1	99
23) Isophorone	9.410	82	1035084	39.983	ng/u1	99
25) 2-Nitrophenol	9.593	139	247273	43.250	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	347137	27.318	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.898	93	616394	37.448	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	394203	36.264	ng/u1	98
30) Naphthalene	10.522	128	1460211	37.140	ng/u1	99
32) 4-Chloroaniline	10.640	127	526899	31.182	ng/u1	100
33) Hexachlorobutadiene	10.804	225	249319	36.438	ng/u1	99
34) Caprolactam	11.422	113	30367	7.478	ng/u1	92
35) 4-Chloro-3-methylphenol	11.763	107	449620	36.723	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	1062136	38.684	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030702.D
 Acq On : 06 Apr 2024 10:38
 Operator : MA/JU
 Sample : P1893-04MSD 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E07D1MSD

Quant Time: Apr 07 12:12:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Supervised By :mohammad
 ahmed
 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1074892	38.565	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	543800	37.703	ng/ul	97
40) Hexachlorocyclopentadiene	12.487	237	249127	30.415	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	384293	42.638	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	422286	41.488	ng/ul	96
43) 1,1'-Biphenyl	13.163	154	1450883	38.087	ng/ul	98
44) 2-Chloronaphthalene	13.204	162	1143974	38.148	ng/ul	99
45) 2-Nitroaniline	13.416	65	371400	46.539	ng/ul	98
47) Dimethylphthalate	13.798	163	1697584	44.041	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	353608	49.479	ng/ul	96
50) Acenaphthylene	14.057	152	1991822	40.181	ng/ul	99
51) 3-Nitroaniline	14.245	138	356711	47.026	ng/ul	98
52) Acenaphthene	14.398	153	1331215	40.298	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	169866	51.750	ng/ul	95
55) 4-Nitrophenol	14.551	109	62083	10.979	ng/ul	97
56) Dibenzofuran	14.734	168	1830167	39.856	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	537835	51.547	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	395986	46.843	ng/ul	99
59) Diethylphthalate	15.169	149	1766160	45.103	ng/ul	99
61) Fluorene	15.386	166	1514168	41.485	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	732946	40.931	ng/ul	96
63) 4-Nitroaniline	15.416	138	391809	53.130	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.469	198	294394	51.019	ng/ul	95
67) N-Nitrosodiphenylamine	15.598	169	1398858	42.219	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	501268	43.389	ng/ul	97
69) Hexachlorobenzene	16.381	284	587975	43.221	ng/ul	98
70) Atrazine	16.557	200	492044	42.845	ng/ul	100
71) Pentachlorophenol	16.728	266	341575	42.586	ng/ul	99
72) Phenanthrene	17.128	178	2694470	43.106	ng/ul	99
74) Anthracene	17.216	178	2701994	42.760	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	560028	37.468	ng/ul	98
76) Pentachlorobenzene	14.651	250	601604	39.626	ng/ul	96
77) Carbazole	17.492	167	2597132	46.866	ng/ul	99
78) Di-n-butylphthalate	18.057	149	3329496	49.250	ng/ul	100
80) Fluoranthene	19.145	202	3275694	43.499	ng/ul	99
82) Pyrene	19.510	202	3325891	41.819	ng/ul	99
83) Butylbenzylphthalate	20.421	149	1613470	53.124	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	1015646	46.911	ng/ul	97
85) Benzo(a)anthracene	21.304	228	3488051	44.357	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.233	149	2265762	50.586	ng/ul	99
87) Chrysene	21.368	228	3290846	44.338	ng/ul	98
89) Di-n-octyl phthalate	22.351	149	4319268	48.750	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	3605628	43.790	ng/ul	96
91) Benzo(k)fluoranthene	23.404	252	3651103	43.663	ng/ul	98
93) Benzo(a)pyrene	24.133	252	3394654	43.644	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.580	276	4016901	47.775	ng/ul	99
95) Dibenzo(a,h)anthracene	27.639	278	3346017	47.272	ng/ul	94
96) Benzo(g,h,i)perylene	28.609	276	3163107m	47.920	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

