

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030703.D
 Acq On : 06 Apr 2024 11:17
 Operator : MA/JU
 Sample : PB159962BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS962

Quant Time: Apr 07 12:14:43 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	166570	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.475	136	823971	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.333	164	599727	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1316032	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1270025	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1422960	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	27702	7.797	ng/uL	0.00
4) Pyridine-d5	3.593	84	401320	37.675	ng/u1	0.00
7) Phenol-d5	6.863	99	581793	43.177	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	330522	39.714	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	461914	45.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	496230	43.941	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	244404	42.759	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	270319	51.697	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	504988	44.114	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	751728	39.888	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1691078	42.233	ng/u1	0.00
49) Acenaphthylene-d8	14.027	160	1881195	40.862	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	353356	46.136	ng/u1	0.00
60) Fluorene-d10	15.327	176	1417818	40.464	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	289348	49.811	ng/u1	0.00
73) Anthracene-d10	17.180	188	2255529	39.778	ng/u1	0.00
81) Pyrene-d10	19.480	212	2702042	39.572	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	2860474	43.627	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	53815	14.141	ng/uL	96
5) Pyridine	3.616	79	386727	35.980	ng/u1	99
6) Benzaldehyde	6.840	77	246068	39.214	ng/u1	98
8) Phenol	6.887	94	577367	41.131	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	454013	39.662	ng/u1	99
12) 2-Chlorophenol	7.251	128	467387	42.624	ng/u1	96
13) 2-Methylphenol	8.134	108	453396	41.916	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.210	45	600924	37.282	ng/u1	98
16) Acetophenone	8.510	105	724608	40.639	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.498	70	370656	41.274	ng/u1	97
18) 4-Methylphenol	8.457	108	501311	41.399	ng/u1	99
19) Hexachloroethane	8.757	117	185510	40.352	ng/u1	99
22) Nitrobenzene	8.887	77	541246	38.790	ng/u1	99
23) Isophorone	9.410	82	1123873	40.388	ng/u1	99
25) 2-Nitrophenol	9.592	139	284547	46.303	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	510647	37.386	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.898	93	677091	38.271	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	483758	41.402	ng/u1	99
30) Naphthalene	10.522	128	1586312	37.537	ng/u1	99
32) 4-Chloroaniline	10.639	127	627896	34.571	ng/u1	97
33) Hexachlorobutadiene	10.804	225	283147	38.499	ng/u1	97
34) Caprolactam	11.422	113	197635m	45.276	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	589587	44.800	ng/u1	99
36) 2-Methylnaphthalene	12.139	142	1142564	38.714	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030703.D
 Acq On : 06 Apr 2024 11:17
 Operator : MA/JU
 Sample : PB159962BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS962

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 07 12:14:43 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1152601	38.472	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	582167	37.615	ng/ul	99
40) Hexachlorocyclopentadiene	12.486	237	314643	35.798	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	417213	43.138	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	463925	42.475	ng/ul	97
43) 1,1'-Biphenyl	13.163	154	1546199	37.825	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	1207407	37.522	ng/ul	99
45) 2-Nitroaniline	13.416	65	382822	44.703	ng/ul	99
47) Dimethylphthalate	13.798	163	1661429	40.168	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	355646	46.376	ng/ul	97
50) Acenaphthylene	14.057	152	2064667	38.814	ng/ul	99
51) 3-Nitroaniline	14.245	138	364339	44.760	ng/ul	100
52) Acenaphthene	14.398	153	1356603	38.270	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	177383	50.360	ng/ul	95
55) 4-Nitrophenol	14.557	109	266165	43.863	ng/ul	98
56) Dibenzofuran	14.733	168	1900493	38.569	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	527027	47.072	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	392663	43.287	ng/ul	99
59) Diethylphthalate	15.169	149	1732791	41.237	ng/ul	98
61) Fluorene	15.386	166	1519409	38.794	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.386	204	729212	37.949	ng/ul	96
63) 4-Nitroaniline	15.416	138	405837	51.285	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.469	198	298301	47.792	ng/ul#	96
67) N-Nitrosodiphenylamine	15.598	169	1373868	38.333	ng/ul	100
68) 4-Bromophenyl-phenylether	16.274	248	497519	39.812	ng/ul	96
69) Hexachlorobenzene	16.380	284	575576	39.114	ng/ul	97
70) Atrazine	16.557	200	320991	25.840	ng/ul	97
71) Pentachlorophenol	16.733	266	347584	40.062	ng/ul	94
72) Phenanthrene	17.127	178	2607740	38.568	ng/ul	99
74) Anthracene	17.216	178	2615958	38.272	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	600733	37.156	ng/uL	100
76) Pentachlorobenzene	14.651	250	609674	37.125	ng/uL	95
77) Carbazole	17.492	167	2490850	41.554	ng/ul	98
78) Di-n-butylphthalate	18.057	149	3207897	43.868	ng/ul	99
80) Fluoranthene	19.145	202	3205228	39.488	ng/ul	99
82) Pyrene	19.515	202	3200365	37.333	ng/ul	98
83) Butylbenzylphthalate	20.421	149	1556068	47.532	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	1020618	43.735	ng/ul	100
85) Benzo(a)anthracene	21.304	228	3347514	39.494	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.239	149	2190032	45.363	ng/ul	98
87) Chrysene	21.368	228	3171569	39.644	ng/ul	99
89) Di-n-octyl phthalate	22.356	149	4127537	45.804	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	3498921	41.782	ng/ul	99
91) Benzo(k)fluoranthene	23.403	252	3474415	40.853	ng/ul	99
93) Benzo(a)pyrene	24.127	252	3284469	41.519	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.574	276	3681836	43.055	ng/ul	98
95) Dibenzo(a,h)anthracene	27.644	278	3036688	42.182	ng/ul	96
96) Benzo(g,h,i)perylene	28.615	276	2881597	42.923	ng/ul	97

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

