

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
 Data File : BP020008.D
 Acq On : 26 Mar 2024 23:26
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020766

Quant Time: Mar 27 00:12:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	89311	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	352165	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.239	164	228008	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	493042	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	502073	20.000	ng/u1	-0.02
88) Perylene-d12	24.810	264	586405	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	18378	9.016	ng/uL	0.00
4) Pyridine-d5	3.640	84	126880	20.614	ng/u1	0.00
7) Phenol-d5	6.810	99	154006	20.446	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	103215	21.032	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	110440	20.416	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	116437	19.980	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	55200	20.450	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	61506	20.366	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	113499	20.578	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	149270	20.760	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	333298	20.849	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	385268	20.631	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	48119	19.147	ng/u1	0.00
60) Fluorene-d10	15.263	176	282527	20.747	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	55627	18.848	ng/u1	-0.02
73) Anthracene-d10	17.175	188	452829	20.748	ng/u1	0.00
81) Pyrene-d10	19.563	212	551870	18.735	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.574	264	580451	20.604	ng/u1	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	20361	8.753	ng/uL	93
5) Pyridine	3.658	79	131863	21.018	ng/u1	97
6) Benzaldehyde	6.793	77	99337	26.670	ng/u1	96
8) Phenol	6.834	94	160551	20.387	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	132760	20.816	ng/u1	97
12) 2-Chlorophenol	7.193	128	116485	20.433	ng/u1	94
13) 2-Methylphenol	8.052	108	115422	20.332	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	186756	21.296	ng/u1	98
16) Acetophenone	8.434	105	195164	20.762	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.410	70	108027	20.604	ng/u1	99
18) 4-Methylphenol	8.381	108	123313	20.182	ng/u1	98
19) Hexachloroethane	8.657	117	55606	21.000	ng/u1	92
22) Nitrobenzene	8.804	77	164619	21.411	ng/u1	99
23) Isophorone	9.322	82	298770	20.847	ng/u1	99
25) 2-Nitrophenol	9.499	139	64193	20.389	ng/u1	96
26) 2,4-Dimethylphenol	9.557	107	142779	20.775	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.799	93	174122	20.777	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	111944	20.747	ng/u1	99
30) Naphthalene	10.410	128	379031	20.979	ng/u1	99
32) 4-Chloroaniline	10.546	127	148558	21.053	ng/u1	97
33) Hexachlorobutadiene	10.675	225	90139	21.198	ng/u1	98
34) Caprolactam	11.340	113	34769m	20.730	ng/u1	
35) 4-Chloro-3-methylphenol	11.663	107	127906	21.340	ng/u1	99
36) 2-Methylnaphthalene	12.034	142	253615	21.084	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
 Data File : BP020008.D
 Acq On : 26 Mar 2024 23:26
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020766

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024

Quant Time: Mar 27 00:12:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	253345	21.058	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.398	216	152459	20.224	ng/ul	99
40) Hexachlorocyclopentadiene	12.357	237	74891	17.556	ng/ul	98
41) 2,4,6-Trichlorophenol	12.651	196	93948	20.286	ng/ul	97
42) 2,4,5-Trichlorophenol	12.734	196	101354	21.160	ng/ul	97
43) 1,1'-Biphenyl	13.057	154	332309	20.125	ng/ul	100
44) 2-Chloronaphthalene	13.104	162	269670	20.252	ng/ul	99
45) 2-Nitroaniline	13.334	65	89850	21.421	ng/ul	97
47) Dimethylphthalate	13.710	163	339927	21.066	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	68276	20.840	ng/ul	98
50) Acenaphthylene	13.957	152	434094	20.786	ng/ul	99
51) 3-Nitroaniline	14.181	138	65622	21.750	ng/ul	97
52) Acenaphthene	14.298	153	286436	20.647	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	33727	18.089	ng/ul	93
55) 4-Nitrophenol	14.504	109	45978	19.936	ng/ul	94
56) Dibenzofuran	14.639	168	399913	21.225	ng/ul	96
57) 2,4-Dinitrotoluene	14.639	165	99209	22.149	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.892	232	88417	21.525	ng/ul	99
59) Diethylphthalate	15.104	149	334988	20.935	ng/ul	99
61) Fluorene	15.316	166	326195	21.227	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	171413	20.825	ng/ul	99
63) 4-Nitroaniline	15.357	138	59138m	22.950	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	58805	18.775	ng/ul	92
67) N-Nitrosodiphenylamine	15.551	169	276274	20.286	ng/ul	98
68) 4-Bromophenyl-phenylether	16.239	248	106217	19.850	ng/ul	97
69) Hexachlorobenzene	16.333	284	118945	20.018	ng/ul	96
70) Atrazine	16.533	200	103421	19.821	ng/ul	95
71) Pentachlorophenol	16.710	266	68301	19.609	ng/ul	97
72) Phenanthrene	17.116	178	518588	20.344	ng/ul	99
74) Anthracene	17.210	178	533479	20.611	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.022	216	153794	19.132	ng/uL	96
76) Pentachlorobenzene	14.563	250	144913	19.466	ng/uL	98
77) Carbazole	17.504	167	476304	21.520	ng/ul	99
78) Di-n-butylphthalate	18.086	149	578029	20.916	ng/ul	99
80) Fluoranthene	19.210	202	637608	18.428	ng/ul	99
82) Pyrene	19.592	202	678274	18.862	ng/ul	99
83) Butylbenzylphthalate	20.569	149	274784	18.818	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	220051	20.609	ng/ul	97
85) Benzo(a)anthracene	21.504	228	709001	20.406	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	401897	18.836	ng/ul	97
87) Chrysene	21.569	228	669171	20.716	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	702355	18.885	ng/ul	100
90) Benzo(b)fluoranthene	23.762	252	706534	20.550	ng/ul	99
91) Benzo(k)fluoranthene	23.833	252	717447	20.535	ng/ul	99
93) Benzo(a)pyrene	24.651	252	686670	20.648	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.515	276	833380	19.896	ng/ul	99
95) Dibenzo(a,h)anthracene	28.598	278	694608	20.386	ng/ul	99
96) Benzo(g,h,i)perylene	29.692	276	688814m	20.359	ng/ul	

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

