

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010425.D
 Acq On : 20 May 2022 04:31
 Operator : CG/JU
 Sample : PB144945BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS945

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2022
 Supervised By :Yogesh Patel 05/24/2022

Quant Time: May 20 05:51:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	163332	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	718488	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.528	164	489539	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1092652	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	1114006	20.000	ng/u1	# 0.00
88) Perylene-d12	23.786	264	1032016	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	21070	5.499	ng/uL	0.00
4) Pyridine-d5	3.758	84	303992	27.940	ng/u1	0.00
7) Phenol-d5	7.058	99	423557	30.897	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	280889	30.496	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	334554	31.893	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	360755	30.965	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	175200	31.507	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	192534	32.672	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	350850	31.487	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	462094	27.891	ng/u1	-0.01
46) Dimethylphthalate-d6	13.934	166	1162517	32.232	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1345867	32.350	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	210831m	32.841	ng/u1	0.00
60) Fluorene-d10	15.522	176	1005842	32.055	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	209926	32.851	ng/u1	0.00
73) Anthracene-d10	17.381	188	1609362	32.528	ng/u1	0.00
81) Pyrene-d10	19.610	212	1946462	32.901	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	1736241	33.504	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.376	88	43720	11.014	ng/uL#	3
5) Pyridine	3.775	79	317175	28.050	ng/u1#	34
6) Benzaldehyde	7.028	77	290739m	40.118	ng/u1	
8) Phenol	7.087	94	455473m	30.797	ng/u1	
10) Bis(2-Chloroethyl)ether	7.316	93	351371	30.217	ng/u1#	76
12) 2-Chlorophenol	7.458	128	343460	31.364	ng/u1	97
13) 2-Methylphenol	8.334	108	340098	30.804	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.422	45	593214	31.302	ng/u1#	81
16) Acetophenone	8.716	105	561596	30.681	ng/u1#	74
17) N-Nitroso-di-n-propyla...	8.705	70	306788	31.316	ng/u1#	69
18) 4-Methylphenol	8.669	108	373568	30.615	ng/u1	92
19) Hexachloroethane	8.975	117	146177	30.692	ng/u1#	81
22) Nitrobenzene	9.093	77	452098	30.939	ng/u1#	82
23) Isophorone	9.622	82	847564	31.380	ng/u1#	97
25) 2-Nitrophenol	9.805	139	207406	32.054	ng/u1#	87
26) 2,4-Dimethylphenol	9.869	107	425248	30.288	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.105	93	494103	30.724	ng/u1#	98
29) 2,4-Dichlorophenol	10.346	162	355031	31.164	ng/u1#	84
30) Naphthalene	10.746	128	1144898	30.508	ng/u1	97
32) 4-Chloroaniline	10.852	127	462800	28.147	ng/u1	98
33) Hexachlorobutadiene	11.034	225	245761	30.443	ng/u1	95
34) Caprolactam	11.634	113	131571m	33.093	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	423819	31.801	ng/u1#	66
36) 2-Methylnaphthalene	12.352	142	808999	30.451	ng/u1	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010425.D
 Acq On : 20 May 2022 04:31
 Operator : CG/JU
 Sample : PB144945BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS945

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2022
 Supervised By :Yogesh Patel 05/24/2022

Quant Time: May 20 05:51:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	831396	30.994	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.722	216	463173	31.004	ng/ul#	94
40) Hexachlorocyclopentadiene	12.704	237	243777	30.015	ng/ul	94
41) 2,4,6-Trichlorophenol	12.963	196	304336	32.682	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.034	196	328114	31.557	ng/ul#	87
43) 1,1'-Biphenyl	13.363	154	1122358	31.235	ng/ul	93
44) 2-Chloronaphthalene	13.404	162	874240	31.501	ng/ul	94
45) 2-Nitroaniline	13.604	65	316127	34.610	ng/ul#	76
47) Dimethylphthalate	13.981	163	1153425	32.239	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	244984	33.591	ng/ul	95
50) Acenaphthylene	14.246	152	1431213	31.800	ng/ul	96
51) 3-Nitroaniline	14.428	138	234491	34.257	ng/ul#	85
52) Acenaphthene	14.587	153	921347	31.381	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	126767	31.133	ng/ul#	75
55) 4-Nitrophenol	14.740	109	187114	32.779	ng/ul#	48
56) Dibenzofuran	14.922	168	1356050	31.516	ng/ul	97
57) 2,4-Dinitrotoluene	14.893	165	358990	34.193	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.151	232	299557	33.504	ng/ul#	85
59) Diethylphthalate	15.345	149	1201658	32.917	ng/ul	93
61) Fluorene	15.575	166	1130030	32.115	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.569	204	586059	32.019	ng/ul	98
63) 4-Nitroaniline	15.598	138	253679	37.534	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.657	198	208384	32.699	ng/ul#	87
67) N-Nitrosodiphenylamine	15.781	169	986404	32.191	ng/ul	94
68) 4-Bromophenyl-phenylether	16.469	248	358912	31.895	ng/ul	92
69) Hexachlorobenzene	16.587	284	410490	31.714	ng/ul#	89
70) Atrazine	16.740	200	395491	32.218	ng/ul#	90
71) Pentachlorophenol	16.934	266	253323	31.191	ng/ul#	84
72) Phenanthrene	17.322	178	1863706	31.961	ng/ul	98
74) Anthracene	17.416	178	1875462	32.060	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	479739	28.890	ng/uL#	85
76) Pentachlorobenzene	14.845	250	460320	30.553	ng/uL	89
77) Carbazole	17.687	167	1680707	32.692	ng/ul#	96
78) Di-n-butylphthalate	18.234	149	2141919	34.207	ng/ul#	93
80) Fluoranthene	19.286	202	2305349	33.532	ng/ul	97
82) Pyrene	19.639	202	2352268	32.786	ng/ul	95
83) Butylbenzylphthalate	20.510	149	1007766	35.127	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.275	252	761985	34.032	ng/ul#	97
85) Benzo(a)anthracene	21.345	228	2300454	33.023	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.269	149	1495710	35.528	ng/ul#	81
87) Chrysene	21.398	228	2238933	32.675	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2574237	33.250	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2328770	33.855	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	2113626	32.330	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	2118653	33.151	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	2056081	34.198	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.333	278	1750338	33.551	ng/ul#	95
96) Benzo(g,h,i)perylene	27.092	276	1711616	34.094	ng/ul#	90

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

