

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020319.D
 Acq On : 11 May 2024 12:08
 Operator : MA/JU
 Sample : PB160824BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS824

Quant Time: May 12 23:34:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	70701	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	292116	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	202151	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.134	188	455189	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	499181	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	575060	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	10200	6.093	ng/uL	0.00
4) Pyridine-d5	3.611	84	142931	29.384	ng/u1	0.00
7) Phenol-d5	6.799	99	190555	31.384	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	108251	29.349	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	151256	34.847	ng/u1	-0.01
15) 4-Methylphenol-d8	8.322	113	153501	31.270	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	74126	33.887	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.487	143	86340	34.467	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	156793	34.300	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	199221	31.139	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	497153	33.677	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	542163	33.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	77050	33.960	ng/u1	0.00
60) Fluorene-d10	15.322	176	420806	34.176	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	96769	33.501	ng/u1	0.00
73) Anthracene-d10	17.239	188	710214	36.067	ng/u1	0.00
81) Pyrene-d10	19.639	212	897200	30.747	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	982518	35.336	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	22499	11.844	ng/uL	94
5) Pyridine	3.634	79	148410	30.165	ng/u1	92
6) Benzaldehyde	6.781	77	117808	38.601	ng/u1	96
8) Phenol	6.828	94	197093	31.450	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.058	93	142383	29.035	ng/u1	97
12) 2-Chlorophenol	7.181	128	151983	33.537	ng/u1	97
13) 2-Methylphenol	8.058	108	144307	30.871	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	170767	27.916	ng/u1	100
16) Acetophenone	8.440	105	240664	29.540	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.416	70	127766	28.898	ng/u1	94
18) 4-Methylphenol	8.381	108	160440	31.578	ng/u1	97
19) Hexachloroethane	8.663	117	64515	31.130	ng/u1	89
22) Nitrobenzene	8.816	77	187232	29.816	ng/u1	96
23) Isophorone	9.334	82	354383	29.349	ng/u1	99
25) 2-Nitrophenol	9.522	139	89173	34.367	ng/u1	87
26) 2,4-Dimethylphenol	9.575	107	168475	29.761	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	194871	29.111	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	154787	34.812	ng/u1	97
30) Naphthalene	10.434	128	474439	31.510	ng/u1	99
32) 4-Chloroaniline	10.575	127	187825	30.022	ng/u1	98
33) Hexachlorobutadiene	10.699	225	110147	31.894	ng/u1	96
34) Caprolactam	11.381	113	53546m	34.490	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	184009	33.238	ng/u1	97
36) 2-Methylnaphthalene	12.063	142	333986	31.880	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	342633	32.501	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	208439	33.062	ng/ul	99
40) Hexachlorocyclopentadiene	12.393	237	70527	20.569	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	137179	34.697	ng/ul	94
42) 2,4,5-Trichlorophenol	12.781	196	149307	35.095	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	454598	31.795	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	363852	32.070	ng/ul	98
45) 2-Nitroaniline	13.387	65	128161	34.055	ng/ul	99
47) Dimethylphthalate	13.757	163	483524	32.427	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	102735	34.657	ng/ul	98
50) Acenaphthylene	14.010	152	585916	31.944	ng/ul	100
51) 3-Nitroaniline	14.240	138	99871	36.123	ng/ul	100
52) Acenaphthene	14.363	153	386520	31.358	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	55985	30.769	ng/ul	89
55) 4-Nitrophenol	14.569	109	99904	42.293	ng/ul	92
56) Dibenzofuran	14.710	168	564485	33.298	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	157811	37.029	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.945	232	140750	36.842	ng/ul#	96
59) Diethylphthalate	15.163	149	492176	33.066	ng/ul	100
61) Fluorene	15.381	166	475355	33.747	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	250727	33.552	ng/ul	94
63) 4-Nitroaniline	15.440	138	103651m	44.986	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.492	198	97486	32.366	ng/ul	94
67) N-Nitrosodiphenylamine	15.604	169	418214	32.998	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	164884	33.442	ng/ul	96
69) Hexachlorobenzene	16.404	284	196269	34.369	ng/ul	94
70) Atrazine	16.610	200	162597	36.180	ng/ul	98
71) Pentachlorophenol	16.775	266	119869m	34.727	ng/ul	
72) Phenanthrene	17.175	178	782661	33.700	ng/ul	98
74) Anthracene	17.281	178	795428	33.674	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	206399	30.509	ng/uL	98
76) Pentachlorobenzene	14.622	250	220341	32.547	ng/uL	96
77) Carbazole	17.575	167	743236	36.524	ng/ul	99
78) Di-n-butylphthalate	18.169	149	861972	34.947	ng/ul	99
80) Fluoranthene	19.292	202	1019080	29.676	ng/ul	99
82) Pyrene	19.675	202	1083804	30.333	ng/ul	98
83) Butylbenzylphthalate	20.651	149	426312	31.431	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.545	252	367346	36.159	ng/ul	99
85) Benzo(a)anthracene	21.616	228	1166379	34.450	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	620560	31.715	ng/ul	97
87) Chrysene	21.680	228	1095675	34.916	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	1121314	30.447	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	1174172	34.325	ng/ul	97
91) Benzo(k)fluoranthene	24.010	252	1179406	33.831	ng/ul	99
93) Benzo(a)pyrene	24.851	252	1008119	30.972	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	1414136	35.441	ng/ul	97
95) Dibenzo(a,h)anthracene	28.898	278	1146079	34.726	ng/ul	98
96) Benzo(g,h,i)perylene	30.009	276	1087456m	33.792	ng/ul	

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

