

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
 Data File : BP020223.D
 Acq On : 07 May 2024 02:57
 Operator : MA/JU
 Sample : PB160744BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS744

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 07 04:27:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	111944	20.000	ng/u1	0.02
20) Naphthalene-d8	10.393	136	459767	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.298	164	336042	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	756571	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	758956	20.000	ng/u1	-0.01
88) Perylene-d12	24.974	264	765338	20.000	ng/u1	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	12807	4.832	ng/uL	0.00
4) Pyridine-d5	3.616	84	195894	25.435	ng/u1	0.01
7) Phenol-d5	6.805	99	277696	28.886	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.975	67	156595	26.814	ng/u1	0.02
11) 2-Chlorophenol-d4	7.157	132	215619	31.374	ng/u1	0.02
15) 4-Methylphenol-d8	8.328	113	234311	30.147	ng/u1	0.02
21) Nitrobenzene-d5	8.781	128	108839	31.613	ng/u1	0.02
24) 2-Nitrophenol-d4	9.493	143	131350	33.315	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.022	165	246482	34.259	ng/u1	0.01
31) 4-Chloroaniline-d4	10.551	131	348194	34.579	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	814585	33.194	ng/u1	0.01
49) Acenaphthylene-d8	13.987	160	884162	32.616	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	130276	34.541	ng/u1	0.00
60) Fluorene-d10	15.316	176	689843	33.703	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	160707	33.474	ng/u1	0.00
73) Anthracene-d10	17.233	188	1154828	35.284	ng/u1	0.00
81) Pyrene-d10	19.633	212	1422859	32.072	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	1254070	33.889	ng/u1	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.252	88	28755	9.560	ng/uL 94
5) Pyridine	3.634	79	195814	25.137	ng/u1 97
6) Benzaldehyde	6.793	77	172520	35.702	ng/u1 94
8) Phenol	6.834	94	281827	28.403	ng/u1 97
10) Bis(2-Chloroethyl)ether	7.069	93	206900	26.647	ng/u1 97
12) 2-Chlorophenol	7.193	128	217373	30.294	ng/u1 94
13) 2-Methylphenol	8.063	108	213741	28.878	ng/u1 100
14) 2,2'-oxybis(1-Chloropr...	8.146	45	241592	24.943	ng/u1 98
16) Acetophenone	8.446	105	359518	27.870	ng/u1 98
17) N-Nitroso-di-n-propyla...	8.428	70	190351	27.192	ng/u1 95
18) 4-Methylphenol	8.393	108	239678	29.793	ng/u1 96
19) Hexachloroethane	8.669	117	91069	27.754	ng/u1 89
22) Nitrobenzene	8.822	77	277684	28.096	ng/u1 97
23) Isophorone	9.346	82	541795	28.508	ng/u1 98
25) 2-Nitrophenol	9.522	139	136138	33.336	ng/u1 92
26) 2,4-Dimethylphenol	9.587	107	271121	30.430	ng/u1 97
27) Bis(2-Chloroethoxy)met...	9.828	93	294861	27.986	ng/u1 98
29) 2,4-Dichlorophenol	10.051	162	238421	34.069	ng/u1 99
30) Naphthalene	10.446	128	704649	29.734	ng/u1 100
32) 4-Chloroaniline	10.575	127	296882	30.150	ng/u1 100
33) Hexachlorobutadiene	10.704	225	180481	33.204	ng/u1 97
34) Caprolactam	11.393	113	87097m	35.644	ng/u1
35) 4-Chloro-3-methylphenol	11.710	107	288014	33.054	ng/u1 99
36) 2-Methylnaphthalene	12.075	142	514595	31.209	ng/u1 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	527550	31.794	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	354096	33.787	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	123461	21.661	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	232311	35.347	ng/ul	97
42) 2,4,5-Trichlorophenol	12.781	196	256839	36.317	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	720722	30.323	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	571028	30.277	ng/ul	99
45) 2-Nitroaniline	13.381	65	199155	31.835	ng/ul	95
47) Dimethylphthalate	13.769	163	785196	31.677	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	169280	34.353	ng/ul	98
50) Acenaphthylene	14.016	152	920559	30.192	ng/ul	100
51) 3-Nitroaniline	14.234	138	163579	35.592	ng/ul	96
52) Acenaphthene	14.363	153	609984	29.770	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	107319	35.482	ng/ul	92
55) 4-Nitrophenol	14.563	109	131287	33.434	ng/ul	91
56) Dibenzofuran	14.704	168	894577	31.744	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	257332	36.323	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.951	232	244171	38.448	ng/ul#	88
59) Diethylphthalate	15.157	149	794836	32.123	ng/ul	99
61) Fluorene	15.375	166	764039	32.630	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	419451	33.766	ng/ul	92
63) 4-Nitroaniline	15.434	138	167050	43.615	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.492	198	170628	34.083	ng/ul	93
67) N-Nitrosodiphenylamine	15.604	169	672036	31.902	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	287728	35.110	ng/ul	96
69) Hexachlorobenzene	16.404	284	352194	37.106	ng/ul#	92
70) Atrazine	16.598	200	265425	35.534	ng/ul	98
71) Pentachlorophenol	16.775	266	222021	38.699	ng/ul	99
72) Phenanthrene	17.175	178	1244664	32.244	ng/ul	99
74) Anthracene	17.269	178	1274488	32.462	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	352609	31.359	ng/uL	99
76) Pentachlorobenzene	14.622	250	383856	34.113	ng/uL	98
77) Carbazole	17.569	167	1163046	34.387	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1381267	33.692	ng/ul	99
80) Fluoranthene	19.286	202	1608741	30.812	ng/ul	96
82) Pyrene	19.663	202	1694200	31.187	ng/ul	97
83) Butylbenzylphthalate	20.639	149	652666	31.650	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.533	252	559944	36.251	ng/ul#	95
85) Benzo(a)anthracene	21.610	228	1681573	32.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	916707	30.814	ng/ul#	97
87) Chrysene	21.668	228	1567793	32.860	ng/ul	100
89) Di-n-octyl phthalate	22.845	149	1609258	32.833	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	1551824	34.086	ng/ul#	98
91) Benzo(k)fluoranthene	23.986	252	1501214	32.356	ng/ul	98
93) Benzo(a)pyrene	24.809	252	1273300	29.394	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.768	276	1713155	32.261	ng/ul	96
95) Dibenzo(a,h)anthracene	28.845	278	1397449m	31.815	ng/ul	
96) Benzo(g,h,i)perylene	29.950	276	1307964	30.539	ng/ul	99

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

