

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020797.D
 Acq On : 05 Jul 2024 20:51
 Operator : MA/JU
 Sample : PB161651BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS651

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 22:55:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	297697	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	1200332	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	765049	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1613156	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1518508	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	1759700	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	33212	4.791	ng/uL	0.00
4) Pyridine-d5	3.681	84	473605	23.440	ng/u1	0.00
7) Phenol-d5	6.922	99	643707	26.363	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	374807	24.214	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	533022	26.711	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	512645	25.851	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	258881	29.212	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	292722	33.007	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	531656	29.103	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	651746	25.458	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1532990	28.819	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1715837	27.033	ng/u1	0.01
54) 4-Nitrophenol-d4	14.587	143	277546	34.149	ng/u1	0.00
60) Fluorene-d10	15.369	176	1271261	28.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	269665	33.172	ng/u1	0.00
73) Anthracene-d10	17.275	188	1925073	26.590	ng/u1	0.01
81) Pyrene-d10	19.657	212	2347510	25.733	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	2483817	29.017	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	67460	8.696	ng/uL	97
5) Pyridine	3.699	79	462460	22.097	ng/u1	99
6) Benzaldehyde	6.899	77	363194	29.414	ng/u1	98
8) Phenol	6.946	94	643207	25.832	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.169	93	504186	24.458	ng/u1	96
12) 2-Chlorophenol	7.305	128	526301	26.236	ng/u1	98
13) 2-Methylphenol	8.175	108	474335	24.829	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	707056	22.570	ng/u1	99
16) Acetophenone	8.552	105	781498	24.677	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.534	70	386194	22.942	ng/u1	99
18) 4-Methylphenol	8.499	108	525465	25.985	ng/u1	99
19) Hexachloroethane	8.793	117	218890	25.135	ng/u1	92
22) Nitrobenzene	8.922	77	585688	25.494	ng/u1	99
23) Isophorone	9.446	82	1097760	24.116	ng/u1	97
25) 2-Nitrophenol	9.622	139	304266	31.769	ng/u1	95
26) 2,4-Dimethylphenol	9.693	107	406915	18.242	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.916	93	674848	24.921	ng/u1	100
29) 2,4-Dichlorophenol	10.157	162	516492	28.565	ng/u1	99
30) Naphthalene	10.546	128	1604157	24.969	ng/u1	100
32) 4-Chloroaniline	10.663	127	571910	23.203	ng/u1	99
33) Hexachlorobutadiene	10.816	225	357104	26.417	ng/u1	99
34) Caprolactam	11.463	113	169530m	30.810	ng/u1	
35) 4-Chloro-3-methylphenol	11.793	107	557973	27.949	ng/u1	97
36) 2-Methylnaphthalene	12.157	142	1120643	26.039	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1105903	25.137	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	658096	26.905	ng/ul	99
40) Hexachlorocyclopentadiene	12.499	237	256490	16.847	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	404419	27.716	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	448970	29.667	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	1476099	25.799	ng/ul	98
44) 2-Chloronaphthalene	13.216	162	1173725	26.046	ng/ul	99
45) 2-Nitroaniline	13.440	65	358229	31.561	ng/ul	94
47) Dimethylphthalate	13.810	163	1492225	27.539	ng/ul	99
48) 2,6-Dinitrotoluene	13.934	165	315278	32.631	ng/ul	96
50) Acenaphthylene	14.081	152	1845099	25.735	ng/ul	99
51) 3-Nitroaniline	14.263	138	312533	34.803	ng/ul	95
52) Acenaphthene	14.422	153	1218816	25.627	ng/ul	99
53) 2,4-Dinitrophenol	14.493	184	176917	35.300	ng/ul	98
55) 4-Nitrophenol	14.604	109	221223	30.417	ng/ul	98
56) Dibenzofuran	14.763	168	1698072	26.496	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	460818	34.552	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.993	232	360830	28.868	ng/ul	93
59) Diethylphthalate	15.204	149	1482526	27.738	ng/ul	98
61) Fluorene	15.428	166	1383772	26.873	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	721896	26.865	ng/ul	97
63) 4-Nitroaniline	15.463	138	336991m	39.541	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.522	198	283302	32.532	ng/ul	91
67) N-Nitrosodiphenylamine	15.645	169	1195376	25.127	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	466891	25.948	ng/ul	97
69) Hexachlorobenzene	16.451	284	553634	27.486	ng/ul#	92
70) Atrazine	16.639	200	212144	12.649	ng/ul	98
71) Pentachlorophenol	16.810	266	304015	26.216	ng/ul	97
72) Phenanthrene	17.216	178	2208053	26.139	ng/ul	100
74) Anthracene	17.310	178	2178949	25.077	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	640782	24.471	ng/ul	99
76) Pentachlorobenzene	14.675	250	634924	25.441	ng/ul	98
77) Carbazole	17.604	167	2053503	28.636	ng/ul	100
78) Di-n-butylphthalate	18.181	149	2573082	27.626	ng/ul	100
80) Fluoranthene	19.310	202	2679278	24.044	ng/ul	98
82) Pyrene	19.686	202	2791343	24.425	ng/ul	99
83) Butylbenzylphthalate	20.639	149	1206970	28.442	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.527	252	922209	27.468	ng/ul	99
85) Benzo(a)anthracene	21.604	228	2829634	26.585	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1687900	25.618	ng/ul	99
87) Chrysene	21.674	228	2623298	26.075	ng/ul	99
89) Di-n-octyl phthalate	22.810	149	3010691	26.651	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	2901995	27.222	ng/ul	98
91) Benzo(k)fluoranthene	23.980	252	2870741	26.621	ng/ul	99
93) Benzo(a)pyrene	24.804	252	2530585	25.146	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	3511427	27.204	ng/ul	98
95) Dibenzo(a,h)anthracene	28.839	278	2867682	27.031	ng/ul	99
96) Benzo(g,h,i)perylene	29.956	276	2725680m	25.863	ng/ul	

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

