

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021388.D
 Acq On : 06 Aug 2024 03:09
 Operator : CG/JU
 Sample : PB162175BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS175

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 05:20:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	264942	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.369	136	1100509	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.257	164	715574	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.075	188	1375060	20.000	ng/u1	-0.02
79) Chrysene-d12	21.533	240	1078614	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1339038	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	34676	5.956	ng/uL	-0.02
4) Pyridine-d5	3.575	84	418017	24.800	ng/u1	-0.02
7) Phenol-d5	6.828	99	589669	27.300	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.963	67	349373	26.690	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.163	132	474201	26.646	ng/u1	-0.02
15) 4-Methylphenol-d8	8.346	113	465789	25.964	ng/u1	-0.02
21) Nitrobenzene-d5	8.775	128	234570	27.442	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.487	143	273222	27.927	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.034	165	487087	27.533	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.545	131	573170	24.457	ng/u1	-0.01
46) Dimethylphthalate-d6	13.675	166	1409417	27.095	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	1606952	27.512	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.575	143	243016	32.835	ng/u1	-0.01
60) Fluorene-d10	15.269	176	1191270	27.915	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.451	200	224014	26.925	ng/u1	-0.01
73) Anthracene-d10	17.186	188	1669755	27.340	ng/u1	0.00
81) Pyrene-d10	19.580	212	1632922	24.487	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	1875628	28.401	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	62568	9.771	ng/uL	98
5) Pyridine	3.593	79	431594	24.825	ng/u1	98
6) Benzaldehyde	6.787	77	293206m	26.925	ng/u1	
8) Phenol	6.852	94	612108	28.005	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.052	93	474766	26.294	ng/u1	98
12) 2-Chlorophenol	7.193	128	498122	27.927	ng/u1	99
13) 2-Methylphenol	8.081	108	456872	27.028	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.122	45	692214m	26.536	ng/u1	
16) Acetophenone	8.446	105	752887	27.191	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	372831	25.699	ng/u1	97
18) 4-Methylphenol	8.410	108	498846	27.547	ng/u1	99
19) Hexachloroethane	8.651	117	207808	25.926	ng/u1	98
22) Nitrobenzene	8.816	77	559027	27.301	ng/u1	99
23) Isophorone	9.328	82	1063311	26.121	ng/u1	99
25) 2-Nitrophenol	9.522	139	285972	28.027	ng/u1	99
26) 2,4-Dimethylphenol	9.587	107	428915	21.317	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.804	93	645056	26.070	ng/u1	98
29) 2,4-Dichlorophenol	10.057	162	481596	27.623	ng/u1	99
30) Naphthalene	10.422	128	1568733	27.100	ng/u1	100
32) 4-Chloroaniline	10.569	127	544955	24.351	ng/u1	98
33) Hexachlorobutadiene	10.681	225	344342	26.340	ng/u1	98
34) Caprolactam	11.393	113	152493m	28.393	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	540248	28.507	ng/u1	99
36) 2-Methylnaphthalene	12.045	142	1076973	27.103	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	1063996	26.035	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	638936	27.494	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	102964	8.470	ng/ul	99
41) 2,4,6-Trichlorophenol	12.692	196	360159	24.527	ng/ul	99
42) 2,4,5-Trichlorophenol	12.792	196	407194	26.209	ng/ul	100
43) 1,1'-Biphenyl	13.063	154	1426201	27.272	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	1148061	27.500	ng/ul	99
45) 2-Nitroaniline	13.363	65	342369	29.655	ng/ul	95
47) Dimethylphthalate	13.722	163	1430336	27.099	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	304263	28.833	ng/ul	99
50) Acenaphthylene	13.975	152	1771786	26.791	ng/ul	100
51) 3-Nitroaniline	14.210	138	281916	30.701	ng/ul	99
52) Acenaphthene	14.322	153	1188298	27.072	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	133113	24.020	ng/ul	97
55) 4-Nitrophenol	14.581	109	160000	26.576	ng/ul#	76
56) Dibenzofuran	14.669	168	1651346	27.473	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	426241	29.425	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.916	232	293191	22.038	ng/ul	99
59) Diethylphthalate	15.104	149	1433655	27.179	ng/ul	99
61) Fluorene	15.333	166	1345960	27.441	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	713892	26.822	ng/ul	97
63) 4-Nitroaniline	15.410	138	264547	34.788	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	235368	26.677	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	1136930	28.394	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	460812	28.591	ng/ul	96
69) Hexachlorobenzene	16.357	284	514788	27.856	ng/ul	99
70) Atrazine	16.551	200	44018	3.016	ng/ul	98
71) Pentachlorophenol	16.739	266	171736	17.110	ng/ul	97
72) Phenanthrene	17.122	178	1968744	27.599	ng/ul	99
74) Anthracene	17.222	178	1916111	26.349	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	632262	28.728	ng/uL	100
76) Pentachlorobenzene	14.581	250	613094	28.034	ng/uL	100
77) Carbazole	17.522	167	1645734	27.684	ng/ul	99
78) Di-n-butylphthalate	18.080	149	2189535	26.696	ng/ul	100
80) Fluoranthene	19.227	202	2005685	24.906	ng/ul	100
82) Pyrene	19.610	202	2033358	24.813	ng/ul	99
83) Butylbenzylphthalate	20.545	149	803118	23.522	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	722444	29.312	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2102128	27.822	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	1091554	22.215	ng/ul	100
87) Chrysene	21.580	228	1995191	28.418	ng/ul	100
89) Di-n-octyl phthalate	22.651	149	2013533	22.763	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	2246419	27.645	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	2271800	28.014	ng/ul	99
93) Benzo(a)pyrene	24.662	252	2054782	26.759	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	2742638m	27.718	ng/ul	
95) Dibenzo(a,h)anthracene	28.615	278	2274827	27.763	ng/ul	99
96) Benzo(g,h,i)perylene	29.750	276	2134563m	26.488	ng/ul	

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

