

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071322\
 Data File : BP010965.D
 Acq On : 13 Jul 2022 14:26
 Operator : CG/JU
 Sample : PB146170BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS170

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/14/2022
 Supervised By :mohammad ahmed 07/18/2022

Quant Time: Jul 14 02:45:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 23:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	453066	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	2059474	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	1240332	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	2591447	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.245	240	2478362	20.000	ng/u1	# 0.00
88) Perylene-d12	23.610	264	2459016	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	69871	5.834	ng/uL	0.00
4) Pyridine-d5	3.605	84	978780	30.700	ng/u1	0.00
7) Phenol-d5	6.881	99	1196802	33.370	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	744618	31.746	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	949873	31.922	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	965151	34.042	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	449819	34.310	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	435956	40.193	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	816116	30.451	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	1276274	29.173	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	2526342	29.734	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	3065736	28.272	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	509295	38.377	ng/u1	0.00
60) Fluorene-d10	15.363	176	2152645	29.524	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	364438	42.447	ng/u1	0.00
73) Anthracene-d10	17.228	188	3283659	28.480	ng/u1	0.00
81) Pyrene-d10	19.481	212	3856344	28.561	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	3684012	30.318	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	144737	11.332	ng/uL#	86
5) Pyridine	3.623	79	963123	29.822	ng/u1#	79
6) Benzaldehyde	6.852	77	775457	40.978	ng/u1	97
8) Phenol	6.905	94	1230670	32.083	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.140	93	950768	30.861	ng/u1	90
12) 2-Chlorophenol	7.269	128	944063	30.736	ng/u1	92
13) 2-Methylphenol	8.152	108	893083	31.273	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.240	45	1305243	31.577	ng/u1	98
16) Acetophenone	8.534	105	1417505	32.556	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.522	70	706466	32.088	ng/u1	91
18) 4-Methylphenol	8.487	108	988040	33.223	ng/u1	99
19) Hexachloroethane	8.781	117	355292	28.563	ng/u1#	81
22) Nitrobenzene	8.911	77	1054759	32.238	ng/u1	91
23) Isophorone	9.440	82	1960858	28.579	ng/u1	99
25) 2-Nitrophenol	9.616	139	485731	36.979	ng/u1#	82
26) 2,4-Dimethylphenol	9.687	107	1021663	28.469	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.928	93	1254494	28.984	ng/u1	98
29) 2,4-Dichlorophenol	10.152	162	810115	29.090	ng/u1	98
30) Naphthalene	10.552	128	2988709	27.844	ng/u1	99
32) 4-Chloroaniline	10.669	127	1248155	28.796	ng/u1	99
33) Hexachlorobutadiene	10.834	225	435323	24.468	ng/u1	97
34) Caprolactam	11.463	113	310610m	35.504	ng/u1	
35) 4-Chloro-3-methylphenol	11.805	107	970307	32.147	ng/u1	92
36) 2-Methylnaphthalene	12.169	142	1937053	27.869	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	1975621	28.610	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.540	216	878325	24.643	ng/ul	98
40) Hexachlorocyclopentadiene	12.522	237	509152	22.543	ng/ul	94
41) 2,4,6-Trichlorophenol	12.787	196	599699	29.183	ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	665511	30.180	ng/ul	99
43) 1,1'-Biphenyl	13.193	154	2539057	26.003	ng/ul#	98
44) 2-Chloronaphthalene	13.234	162	1933111	26.281	ng/ul	99
45) 2-Nitroaniline	13.446	65	610246	39.103	ng/ul#	81
47) Dimethylphthalate	13.834	163	2491693	29.284	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	491872	38.582	ng/ul	93
50) Acenaphthylene	14.081	152	3149244	26.518	ng/ul	98
51) 3-Nitroaniline	14.281	138	574895	37.614	ng/ul	87
52) Acenaphthene	14.428	153	2157527	28.156	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	223141	45.592	ng/ul	85
55) 4-Nitrophenol	14.593	109	377890	35.811	ng/ul#	78
56) Dibenzofuran	14.763	168	2917198	27.793	ng/ul	97
57) 2,4-Dinitrotoluene	14.740	165	732378	42.992	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.993	232	538943	34.129	ng/ul#	85
59) Diethylphthalate	15.204	149	2550390	30.149	ng/ul	98
61) Fluorene	15.416	166	2399569	28.670	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	1077458	27.500	ng/ul	98
63) 4-Nitroaniline	15.451	138	606903	42.947	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.504	198	366976	39.555	ng/ul	96
67) N-Nitrosodiphenylamine	15.634	169	2078181	26.477	ng/ul	99
68) 4-Bromophenyl-phenylether	16.322	248	669548	25.780	ng/ul	97
69) Hexachlorobenzene	16.422	284	766848	25.492	ng/ul#	93
70) Atrazine	16.604	200	741522	28.495	ng/ul	97
71) Pentachlorophenol	16.775	266	443351	28.623	ng/ul	97
72) Phenanthrene	17.175	178	3896552	28.235	ng/ul	98
74) Anthracene	17.263	178	3895209	28.064	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.152	216	929733	21.741	ng/uL	98
76) Pentachlorobenzene	14.681	250	876569	23.900	ng/uL	98
77) Carbazole	17.540	167	3717832	29.757	ng/ul	99
78) Di-n-butylphthalate	18.110	149	4423276	29.710	ng/ul	99
80) Fluoranthene	19.157	202	4547372	27.384	ng/ul#	88
82) Pyrene	19.510	202	4703225	28.045	ng/ul#	83
83) Butylbenzylphthalate	20.404	149	2053864	34.794	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.169	252	1524776	29.795	ng/ul#	98
85) Benzo(a)anthracene	21.228	228	4500964	29.039	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.169	149	2981138	31.892	ng/ul#	96
87) Chrysene	21.281	228	4261720	28.692	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	5066453	34.711	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	4645100	30.376	ng/ul#	96
91) Benzo(k)fluoranthene	22.933	252	4524204	31.126	ng/ul#	94
93) Benzo(a)pyrene	23.504	252	3970362	26.690	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.057	276	5618251	31.300	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.080	278	4705973	30.564	ng/ul#	93
96) Benzo(g,h,i)perylene	26.810	276	4617895	30.244	ng/ul#	90

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

