

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081122\
 Data File : BP011441.D
 Acq On : 13 Aug 2022 00:59
 Operator : CG/JU
 Sample : PB146958BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS958

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2022
 Supervised By :Sohil Jodhani 08/13/2022

Quant Time: Aug 13 01:26:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 23:05:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	88351	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	389999	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	232292	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	476261	20.000	ng/u1	0.00
79) Chrysene-d12	21.151	240	461696	20.000	ng/u1	0.00
88) Perylene-d12	23.457	264	462190	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	17844m	6.191	ng/uL	0.00
4) Pyridine-d5	3.493	84	130407	17.938	ng/u1	0.00
7) Phenol-d5	6.758	99	263112	33.651	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	174993	31.565	ng/u1	0.00
11) 2-Chlorophenol-d4	7.105	132	209499	34.149	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	210587	34.302	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	101375	38.194	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	104280	42.912	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	186613	38.027	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	151220	17.626	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	591690	36.711	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	673988	34.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	106726	36.254	ng/u1	0.00
60) Fluorene-d10	15.251	176	491897	35.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	87011	39.333	ng/u1	0.00
73) Anthracene-d10	17.122	188	779697	36.423	ng/u1	0.00
81) Pyrene-d10	19.386	212	868770	34.154	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.310	264	840049	36.040	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.117	88	35336	11.543	ng/uL#	82
5) Pyridine	3.511	79	218655	28.875	ng/u1	85
6) Benzaldehyde	6.728	77	142604	41.850	ng/u1	98
8) Phenol	6.787	94	258767	30.575	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.016	93	206367	30.277	ng/u1	96
12) 2-Chlorophenol	7.140	128	214056	33.485	ng/u1	98
13) 2-Methylphenol	8.028	108	194004	31.829	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.116	45	308497	30.177	ng/u1#	95
16) Acetophenone	8.404	105	330915	33.316	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.393	70	178405	36.460	ng/u1	98
18) 4-Methylphenol	8.357	108	209663	32.092	ng/u1	98
19) Hexachloroethane	8.634	117	98443	36.471	ng/u1	95
22) Nitrobenzene	8.781	77	265109	35.680	ng/u1	97
23) Isophorone	9.310	82	483551	35.479	ng/u1	99
25) 2-Nitrophenol	9.487	139	112778	39.822	ng/u1#	86
26) 2,4-Dimethylphenol	9.557	107	256845	35.892	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.799	93	278980	32.029	ng/u1	98
29) 2,4-Dichlorophenol	10.016	162	180369	35.147	ng/u1	100
30) Naphthalene	10.410	128	667907	31.478	ng/u1	98
32) 4-Chloroaniline	10.540	127	232332	27.016	ng/u1	100
33) Hexachlorobutadiene	10.693	225	114363	36.325	ng/u1	99
34) Caprolactam	11.340	113	61572m	35.878	ng/u1	
35) 4-Chloro-3-methylphenol	11.681	107	227626	37.725	ng/u1	97
36) 2-Methylnaphthalene	12.040	142	444000	33.758	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	442441	33.164	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	196767	32.176	ng/ul	95
40) Hexachlorocyclopentadiene	12.387	237	114521	34.947	ng/ul	99
41) 2,4,6-Trichlorophenol	12.669	196	132326	35.762	ng/ul	100
42) 2,4,5-Trichlorophenol	12.740	196	143724	36.393	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	569441	31.218	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	434170	31.724	ng/ul	96
45) 2-Nitroaniline	13.334	65	159785	45.969	ng/ul	98
47) Dimethylphthalate	13.722	163	575425	35.249	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	111150	43.546	ng/ul	97
50) Acenaphthylene	13.969	152	741028	33.134	ng/ul	99
51) 3-Nitroaniline	14.175	138	116302	41.420	ng/ul	97
52) Acenaphthene	14.310	153	491406	32.945	ng/ul	98
53) 2,4-Dinitrophenol	14.381	184	53387	35.252	ng/ul#	77
55) 4-Nitrophenol	14.492	109	119427	43.732	ng/ul#	74
56) Dibenzofuran	14.651	168	660703	32.673	ng/ul	90
57) 2,4-Dinitrotoluene	14.634	165	167257	42.751	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.886	232	115587	37.623	ng/ul#	95
59) Diethylphthalate	15.098	149	661019	39.086	ng/ul	97
61) Fluorene	15.310	166	555367	33.818	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	248981	34.684	ng/ul	90
63) 4-Nitroaniline	15.351	138	131738m	48.217	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.404	198	87497	38.411	ng/ul#	93
67) N-Nitrosodiphenylamine	15.528	169	473046	33.706	ng/ul	100
68) 4-Bromophenyl-phenylether	16.210	248	146887	34.853	ng/ul#	88
69) Hexachlorobenzene	16.310	284	170319	34.592	ng/ul	91
70) Atrazine	16.504	200	78820	16.849	ng/ul	96
71) Pentachlorophenol	16.669	266	97356	34.060	ng/ul	98
72) Phenanthrene	17.063	178	881393	33.004	ng/ul	99
74) Anthracene	17.157	178	904661	34.028	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	196564	28.749	ng/uL	97
76) Pentachlorobenzene	14.563	250	193487	32.494	ng/uL	99
77) Carbazole	17.439	167	816338	32.860	ng/ul	98
78) Di-n-butylphthalate	18.010	149	1150074	42.336	ng/ul	99
80) Fluoranthene	19.057	202	1021464	32.992	ng/ul#	93
82) Pyrene	19.410	202	1065250	32.598	ng/ul	94
83) Butylbenzylphthalate	20.310	149	525551	50.467	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.080	252	258908	30.813	ng/ul	99
85) Benzo(a)anthracene	21.139	228	990735	33.448	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.080	149	786325	47.036	ng/ul	98
87) Chrysene	21.186	228	984198	33.565	ng/ul	99
89) Di-n-octyl phthalate	21.980	149	1320736	41.185	ng/ul	100
90) Benzo(b)fluoranthene	22.757	252	1021585	33.583	ng/ul	97
91) Benzo(k)fluoranthene	22.804	252	966683	32.480	ng/ul	97
93) Benzo(a)pyrene	23.357	252	992713	33.835	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.827	276	1083059	33.392	ng/ul	94
95) Dibenzo(a,h)anthracene	25.851	278	934744	33.886	ng/ul	95
96) Benzo(g,h,i)perylene	26.556	276	917822	33.535	ng/ul	95

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

