

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011366.D
 Acq On : 10 Aug 2022 12:53
 Operator : CG/JU
 Sample : PB146834BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS834

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/11/2022
 Supervised By :Sohil Jodhani 08/12/2022

Quant Time: Aug 10 23:58:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	117851	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	503784	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	297091	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	590577	20.000	ng/ul	-0.01
79) Chrysene-d12	21.162	240	550768	20.000	ng/ul	# 0.00
88) Perylene-d12	23.468	264	544925	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	6048	1.573	ng/uL	0.00
4) Pyridine-d5	3.499	84	131946	13.607	ng/ul	0.00
7) Phenol-d5	6.769	99	258503	24.786	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	117541	15.895	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	161201	19.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	246809	30.139	ng/ul	0.00
21) Nitrobenzene-d5	8.751	128	101466	29.594	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	113896	36.283	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	227692	35.918	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	348780	31.471	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	824365	39.991	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	950002	38.285	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	155795	41.380	ng/ul	0.00
60) Fluorene-d10	15.263	176	664117	37.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	124485	45.380	ng/ul	0.00
73) Anthracene-d10	17.127	188	1027146	38.694	ng/ul	-0.01
81) Pyrene-d10	19.392	212	1167553	38.477	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	1093156	39.779	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	13894	3.403	ng/uL#	85
5) Pyridine	3.516	79	146713	14.525	ng/ul#	83
6) Benzaldehyde	6.740	77	145180	31.941	ng/ul	98
8) Phenol	6.799	94	265093	23.482	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.022	93	154581	17.002	ng/ul	99
12) 2-Chlorophenol	7.151	128	177915	20.865	ng/ul	96
13) 2-Methylphenol	8.040	108	219456	26.992	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.116	45	252409	18.510	ng/ul	96
16) Acetophenone	8.416	105	376286	28.401	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.404	70	217807	33.371	ng/ul	98
18) 4-Methylphenol	8.375	108	257789	29.581	ng/ul	97
19) Hexachloroethane	8.651	117	52066	14.461	ng/ul	98
22) Nitrobenzene	8.793	77	279423	29.112	ng/ul	98
23) Isophorone	9.322	82	642714	36.506	ng/ul	98
25) 2-Nitrophenol	9.498	139	128699	35.179	ng/ul#	87
26) 2,4-Dimethylphenol	9.569	107	316206	34.207	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.810	93	336561	29.913	ng/ul	99
29) 2,4-Dichlorophenol	10.028	162	231240	34.882	ng/ul	99
30) Naphthalene	10.428	128	721114	26.310	ng/ul	99
32) 4-Chloroaniline	10.551	127	337989	30.426	ng/ul	100
33) Hexachlorobutadiene	10.704	225	95552	23.495	ng/ul	98
34) Caprolactam	11.357	113	96358m	43.466	ng/ul	
35) 4-Chloro-3-methylphenol	11.692	107	332463	42.655	ng/ul	98
36) 2-Methylnaphthalene	12.051	142	555976	32.724	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	574968	33.364	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	254053	32.482	ng/ul	95
40) Hexachlorocyclopentadiene	12.398	237	116382	27.768	ng/ul	100
41) 2,4,6-Trichlorophenol	12.681	196	189068	39.952	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	208962	41.372	ng/ul	99
43) 1,1'-Biphenyl	13.086	154	768285	32.932	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	585390	33.444	ng/ul	96
45) 2-Nitroaniline	13.345	65	232698	52.344	ng/ul	98
47) Dimethylphthalate	13.733	163	824993	39.514	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	162925	49.908	ng/ul	96
50) Acenaphthylene	13.980	152	1036569	36.239	ng/ul	99
51) 3-Nitroaniline	14.186	138	182507	50.822	ng/ul	96
52) Acenaphthene	14.322	153	679896	35.640	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	84637	43.697	ng/ul#	86
55) 4-Nitrophenol	14.510	109	174517	49.966	ng/ul#	73
56) Dibenzofuran	14.663	168	924073	35.731	ng/ul	92
57) 2,4-Dinitrotoluene	14.645	165	244001	48.764	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.892	232	170672	43.437	ng/ul#	95
59) Diethylphthalate	15.110	149	929175	42.959	ng/ul	97
61) Fluorene	15.316	166	776965	36.993	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	343766	37.443	ng/ul	91
63) 4-Nitroaniline	15.363	138	202710m	58.011	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	124255	43.990	ng/ul#	97
67) N-Nitrosodiphenylamine	15.539	169	674694	38.769	ng/ul	100
68) 4-Bromophenyl-phenylether	16.222	248	203158	38.873	ng/ul	90
69) Hexachlorobenzene	16.322	284	237044	38.825	ng/ul	93
70) Atrazine	16.516	200	209854	36.177	ng/ul	98
71) Pentachlorophenol	16.680	266	139730	39.422	ng/ul	97
72) Phenanthrene	17.074	178	1237409	37.367	ng/ul	100
74) Anthracene	17.169	178	1254551	38.055	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.039	216	262937	31.013	ng/uL	98
76) Pentachlorobenzene	14.575	250	267672	36.252	ng/uL	99
77) Carbazole	17.445	167	1181614	38.356	ng/ul	98
78) Di-n-butylphthalate	18.021	149	1596042	47.381	ng/ul	100
80) Fluoranthene	19.063	202	1420487	38.461	ng/ul	95
82) Pyrene	19.421	202	1456307	37.357	ng/ul	93
83) Butylbenzylphthalate	20.321	149	723170	58.213	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.086	252	448777	44.772	ng/ul	99
85) Benzo(a)anthracene	21.145	228	1348845	38.173	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	1076979	54.004	ng/ul	98
87) Chrysene	21.198	228	1329486	38.008	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	1815520	48.019	ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	1387183	38.678	ng/ul	98
91) Benzo(k)fluoranthene	22.815	252	1294013	36.876	ng/ul	97
93) Benzo(a)pyrene	23.368	252	1338104	38.683	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.850	276	1483550	38.795	ng/ul	94
95) Dibenzo(a,h)anthracene	25.874	278	1268023	38.989	ng/ul#	93
96) Benzo(g,h,i)perylene	26.586	276	1251781	38.793	ng/ul	95

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

