

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011365.D
 Acq On : 10 Aug 2022 12:18
 Operator : CG/JU
 Sample : PB146820BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS820

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Aug 10 23:57:16 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	7.587	152	118907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	511189	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	303029	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	595789	20.000	ng/u1	0.00
79) Chrysene-d12	21.162	240	553827	20.000	ng/u1	0.00
88) Perylene-d12	23.468	264	547273	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	6288	1.621	ng/uL	0.00
4) Pyridine-d5	3.499	84	142053	14.519	ng/u1	0.00
7) Phenol-d5	6.769	99	275681	26.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	128708	17.250	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	177793	21.534	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	268971	32.553	ng/u1	0.00
21) Nitrobenzene-d5	8.751	128	110654	31.806	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	125502	39.402	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	251216	39.055	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	384123	34.158	ng/u1	0.00
46) Dimethylphthalate-d6	13.686	166	894090	42.524	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1054048	41.646	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	169392	44.110	ng/u1	0.00
60) Fluorene-d10	15.263	176	732639	40.745	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	137711	49.763	ng/u1	0.00
73) Anthracene-d10	17.133	188	1126685	42.073	ng/u1	0.00
81) Pyrene-d10	19.392	212	1269346	41.601	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.327	264	1195261	43.308	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	14947	3.628	ng/uL#	83
5) Pyridine	3.522	79	159241	15.625	ng/u1	88
6) Benzaldehyde	6.740	77	146077	31.853	ng/u1	98
8) Phenol	6.798	94	290358	25.491	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.028	93	168327	18.350	ng/u1	96
12) 2-Chlorophenol	7.151	128	193303	22.468	ng/u1	95
13) 2-Methylphenol	8.040	108	237619	28.966	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	275446	20.020	ng/u1#	95
16) Acetophenone	8.416	105	410333	30.695	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.410	70	239329	36.342	ng/u1	97
18) 4-Methylphenol	8.375	108	278544	31.679	ng/u1	99
19) Hexachloroethane	8.651	117	56981	15.686	ng/u1	99
22) Nitrobenzene	8.792	77	303992	31.213	ng/u1	99
23) Isophorone	9.322	82	702473	39.322	ng/u1	99
25) 2-Nitrophenol	9.498	139	140049	37.727	ng/u1#	85
26) 2,4-Dimethylphenol	9.569	107	348480	37.153	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.810	93	370615	32.462	ng/u1	99
29) 2,4-Dichlorophenol	10.034	162	254551	37.842	ng/u1	98
30) Naphthalene	10.428	128	793714	28.539	ng/u1	99
32) 4-Chloroaniline	10.551	127	367056	32.564	ng/u1	100
33) Hexachlorobutadiene	10.704	225	106047	25.698	ng/u1	97
34) Caprolactam	11.363	113	103242m	45.897	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	363437	45.954	ng/u1	98
36) 2-Methylnaphthalene	12.051	142	617751	35.834	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	633018	36.200	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	282927	35.465	ng/ul	96
40) Hexachlorocyclopentadiene	12.398	237	129951	30.398	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	209184	43.337	ng/ul	100
42) 2,4,5-Trichlorophenol	12.751	196	230674	44.776	ng/ul	98
43) 1,1'-Biphenyl	13.086	154	856924	36.012	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	642181	35.969	ng/ul	96
45) 2-Nitroaniline	13.345	65	258530	57.016	ng/ul	99
47) Dimethylphthalate	13.733	163	895192	42.036	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	178407	53.579	ng/ul	95
50) Acenaphthylene	13.980	152	1139819	39.068	ng/ul	99
51) 3-Nitroaniline	14.186	138	196014	53.514	ng/ul	98
52) Acenaphthene	14.322	153	747041	38.392	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	93696	47.426	ng/ul#	84
55) 4-Nitrophenol	14.510	109	193043	54.187	ng/ul#	73
56) Dibenzofuran	14.663	168	1023096	38.784	ng/ul	91
57) 2,4-Dinitrotoluene	14.645	165	265980	52.114	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.892	232	186333	46.493	ng/ul#	91
59) Diethylphthalate	15.110	149	1018229	46.154	ng/ul	97
61) Fluorene	15.322	166	860330	40.159	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	384662	41.076	ng/ul	91
63) 4-Nitroaniline	15.363	138	215142m	60.362	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	138467	48.592	ng/ul#	94
67) N-Nitrosodiphenylamine	15.539	169	744368	42.398	ng/ul	100
68) 4-Bromophenyl-phenylether	16.221	248	225985	42.863	ng/ul	90
69) Hexachlorobenzene	16.322	284	263598	42.796	ng/ul	92
70) Atrazine	16.516	200	233948	39.978	ng/ul	98
71) Pentachlorophenol	16.680	266	156456	43.755	ng/ul	98
72) Phenanthrene	17.074	178	1359270	40.687	ng/ul	100
74) Anthracene	17.169	178	1379080	41.466	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.039	216	291573	34.089	ng/uL	99
76) Pentachlorobenzene	14.575	250	297067	39.881	ng/uL	98
77) Carbazole	17.451	167	1294053	41.639	ng/ul	99
78) Di-n-butylphthalate	18.021	149	1766830	51.992	ng/ul	100
80) Fluoranthene	19.068	202	1547163	41.659	ng/ul#	94
82) Pyrene	19.421	202	1600152	40.821	ng/ul	94
83) Butylbenzylphthalate	20.321	149	791250	63.342	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.092	252	476980	47.323	ng/ul	99
85) Benzo(a)anthracene	21.145	228	1480005	41.654	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	1184564	59.071	ng/ul	98
87) Chrysene	21.198	228	1453476	41.324	ng/ul	100
89) Di-n-octyl phthalate	21.986	149	1985383	52.286	ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	1480764	41.110	ng/ul	98
91) Benzo(k)fluoranthene	22.815	252	1448483	41.101	ng/ul	98
93) Benzo(a)pyrene	23.374	252	1464172	42.146	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.862	276	1625204	42.317	ng/ul	95
95) Dibenzo(a,h)anthracene	25.880	278	1402396	42.936	ng/ul#	94
96) Benzo(g,h,i)perylene	26.586	276	1379020	42.553	ng/ul	96

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

