

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006579.D
 Acq On : 07 Aug 2021 21:47
 Operator : CG/JU
 Sample : PB138110BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS110

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:16:57 PM

Quant Time: Aug 08 02:37:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 07 13:59:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	162683	20.000	ng/u1	0.00
20) Naphthalene-d8	10.528	136	708058	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	412340	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	820002	20.000	ng/u1	0.00
79) Chrysene-d12	21.227	240	835083	20.000	ng/u1	0.00
88) Perylene-d12	23.551	264	863570	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	34476	7.911	ng/uL	0.00
4) Pyridine-d5	3.675	84	489468	37.831	ng/u1	0.00
7) Phenol-d5	6.928	99	567252	37.126	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	363449	38.231	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	436227	38.430	ng/u1	0.00
15) 4-Methylphenol-d8	8.463	113	441146	36.715	ng/u1	0.00
21) Nitrobenzene-d5	8.905	128	215286	40.834	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	213159	42.344	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	372560	37.767	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	550408	33.891	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1154462	39.338	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	1434187	39.777	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	242674	41.646	ng/u1	0.00
60) Fluorene-d10	15.375	176	948749	38.456	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	181849	39.780	ng/u1	0.00
73) Anthracene-d10	17.228	188	1486071	40.147	ng/u1	0.00
81) Pyrene-d10	19.475	212	1662281	38.701	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	1737773	39.599	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	72527	15.762	ng/uL	97
5) Pyridine	3.693	79	503140	37.289	ng/u1	98
6) Benzaldehyde	6.899	77	388476	46.601	ng/u1	99
8) Phenol	6.958	94	598763	38.338	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.187	93	461652	37.579	ng/u1	98
12) 2-Chlorophenol	7.316	128	449487	39.058	ng/u1	97
13) 2-Methylphenol	8.193	108	429697	37.703	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.287	45	555071	40.444	ng/u1	99
16) Acetophenone	8.575	105	712548	38.565	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.563	70	402920	41.683	ng/u1	98
18) 4-Methylphenol	8.528	108	459790	37.570	ng/u1	99
19) Hexachloroethane	8.816	117	201342	42.771	ng/u1	98
22) Nitrobenzene	8.946	77	604592	44.199	ng/u1	99
23) Isophorone	9.475	82	1055573	43.166	ng/u1	99
25) 2-Nitrophenol	9.652	139	237500	42.783	ng/u1	97
26) 2,4-Dimethylphenol	9.722	107	509346	38.689	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.957	93	616336	39.248	ng/u1	100
29) 2,4-Dichlorophenol	10.181	162	373748	38.618	ng/u1	98
30) Naphthalene	10.581	128	1411095	38.411	ng/u1	100
32) 4-Chloroaniline	10.699	127	542426	33.905	ng/u1	97
33) Hexachlorobutadiene	10.863	225	220850	37.405	ng/u1	99
34) Caprolactam	11.493	113	148238m	44.358	ng/u1	
35) 4-Chloro-3-methylphenol	11.828	107	479380	41.492	ng/u1	100
36) 2-Methylnaphthalene	12.193	142	947782	37.652	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	926907	36.583	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	403629	36.323	ng/ul	99
40) Hexachlorocyclopentadiene	12.540	237	225757	31.230	ng/ul	100
41) 2,4,6-Trichlorophenol	12.810	196	272895	39.632	ng/ul	99
42) 2,4,5-Trichlorophenol	12.881	196	300553	39.894	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	1168593	37.807	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	882633	37.820	ng/ul	99
45) 2-Nitroaniline	13.463	65	346657	50.285	ng/ul	98
47) Dimethylphthalate	13.851	163	1158392	40.213	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	232763	44.199	ng/ul	99
50) Acenaphthylene	14.098	152	1393042	39.674	ng/ul	99
51) 3-Nitroaniline	14.293	138	267691	43.382	ng/ul	95
52) Acenaphthene	14.440	153	1003288	38.945	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	119057	38.118	ng/ul	96
55) 4-Nitrophenol	14.604	109	236963	50.275	ng/ul	96
56) Dibenzofuran	14.781	168	1336232	38.677	ng/ul	97
57) 2,4-Dinitrotoluene	14.751	165	354217	47.067	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.004	232	248603	42.314	ng/ul	96
59) Diethylphthalate	15.216	149	1281063	42.936	ng/ul	99
61) Fluorene	15.428	166	1133953	39.901	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.428	204	501387	37.844	ng/ul	94
63) 4-Nitroaniline	15.457	138	291374	48.078	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.516	198	183859	41.143	ng/ul#	91
67) N-Nitrosodiphenylamine	15.645	169	958854	39.362	ng/ul	98
68) 4-Bromophenyl-phenylether	16.328	248	298878	45.512	ng/ul	98
69) Hexachlorobenzene	16.428	284	341611	38.789	ng/ul	98
70) Atrazine	16.610	200	334750	39.709	ng/ul	98
71) Pentachlorophenol	16.781	266	218535	39.471	ng/ul	100
72) Phenanthrene	17.175	178	1776197	40.339	ng/ul	99
74) Anthracene	17.263	178	1814677	40.645	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	402815	35.837	ng/uL	99
76) Pentachlorobenzene	14.693	250	402261	36.710	ng/uL	99
77) Carbazole	17.539	167	1704638	41.739	ng/ul	99
78) Di-n-butylphthalate	18.104	149	2230211	45.690	ng/ul	99
80) Fluoranthene	19.145	202	2076999	39.243	ng/ul	98
82) Pyrene	19.498	202	2137379	38.918	ng/ul	98
83) Butylbenzylphthalate	20.392	149	1051979	46.684	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.151	252	661153	35.933	ng/ul	100
85) Benzo(a)anthracene	21.216	228	2079366	40.184	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.151	149	1610984	45.661	ng/ul	99
87) Chrysene	21.263	228	2036183	41.052	ng/ul	100
89) Di-n-octyl phthalate	22.057	149	2756788	45.809	ng/ul	100
90) Benzo(b)fluoranthene	22.845	252	2202050	40.146	ng/ul	100
91) Benzo(k)fluoranthene	22.892	252	2141663	41.139	ng/ul	99
93) Benzo(a)pyrene	23.451	252	1988911	41.483	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.957	276	2573645	41.934	ng/ul	98
95) Dibenzo(a,h)anthracene	25.968	278	2166461	41.678	ng/ul	99
96) Benzo(g,h,i)perylene	26.692	276	2128314	41.972	ng/ul	100

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

