

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072621\
 Data File : BP006332.D
 Acq On : 26 Jul 2021 11:17
 Operator : CG/JU
 Sample : PB137844BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS844

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:05:50 PM

Quant Time: Jul 26 12:15:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 12:12:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	215418	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	934304	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	542405	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1046663	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1002502	20.000	ng/u1	0.00
88) Perylene-d12	23.616	264	1007770	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	50409	8.735	ng/uL	0.00
4) Pyridine-d5	3.705	84	706094	41.214	ng/u1	0.00
7) Phenol-d5	6.964	99	830179	41.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	519297	41.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	636050	42.316	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	645133	40.548	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	298061	42.845	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	297542	44.793	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	545897	41.938	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	770469	35.953	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	1651510	42.781	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	2047398	43.168	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	334833	43.683	ng/u1	0.00
60) Fluorene-d10	15.410	176	1366702	42.113	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	243183	41.677	ng/u1	0.00
73) Anthracene-d10	17.269	188	2104752	44.547	ng/u1	0.00
81) Pyrene-d10	19.510	212	2316069	44.917	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.463	264	2252120	43.976	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	111405	18.284	ng/uL	97
5) Pyridine	3.723	79	781262	43.727	ng/u1	98
6) Benzaldehyde	6.940	77	563762	51.073	ng/u1	98
8) Phenol	6.987	94	940695	45.487	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.228	93	717608	44.114	ng/u1	98
12) 2-Chlorophenol	7.358	128	711946	46.719	ng/u1	99
13) 2-Methylphenol	8.234	108	669893	44.389	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	816020	44.902	ng/u1	98
16) Acetophenone	8.616	105	1067863	43.647	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.605	70	580186	45.328	ng/u1	96
18) 4-Methylphenol	8.563	108	724855	44.730	ng/u1	99
19) Hexachloroethane	8.863	117	293207	47.038	ng/u1	98
22) Nitrobenzene	8.987	77	864586	47.900	ng/u1	99
23) Isophorone	9.516	82	1510689	46.818	ng/u1	99
25) 2-Nitrophenol	9.693	139	357534	48.810	ng/u1	98
26) 2,4-Dimethylphenol	9.758	107	795313	45.782	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	934501	45.098	ng/u1	100
29) 2,4-Dichlorophenol	10.222	162	585805	45.871	ng/u1	99
30) Naphthalene	10.628	128	2167492	44.714	ng/u1	100
32) 4-Chloroaniline	10.740	127	818583	38.776	ng/u1	99
33) Hexachlorobutadiene	10.910	225	348193	44.692	ng/u1	100
34) Caprolactam	11.528	113	213308m	48.373	ng/u1	
35) 4-Chloro-3-methylphenol	11.863	107	733931	48.142	ng/u1	99
36) 2-Methylnaphthalene	12.240	142	1486324	44.748	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1446690	43.271	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	652152	44.615	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	383760	40.358	ng/ul	99
41) 2,4,6-Trichlorophenol	12.846	196	429307	47.398	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	474947	47.925	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	1813369	44.599	ng/ul	100
44) 2-Chloronaphthalene	13.293	162	1371026	44.661	ng/ul	99
45) 2-Nitroaniline	13.498	65	479416	52.866	ng/ul	99
47) Dimethylphthalate	13.887	163	1774211	46.822	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	358605	51.766	ng/ul	98
50) Acenaphthylene	14.140	152	2120863	45.919	ng/ul	99
51) 3-Nitroaniline	14.328	138	373807	46.053	ng/ul	99
52) Acenaphthene	14.481	153	1531211	45.185	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	188536	45.888	ng/ul	98
55) 4-Nitrophenol	14.634	109	317412	51.195	ng/ul	95
56) Dibenzofuran	14.816	168	2059015	45.307	ng/ul	96
57) 2,4-Dinitrotoluene	14.787	165	520448	52.573	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.040	232	383492	49.621	ng/ul	94
59) Diethylphthalate	15.257	149	1908532	48.627	ng/ul	100
61) Fluorene	15.469	166	1723110	46.093	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	781675	44.851	ng/ul	99
63) 4-Nitroaniline	15.493	138	423061	53.068	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.545	198	273878	48.015	ng/ul#	96
67) N-Nitrosodiphenylamine	15.681	169	1465383	47.128	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	453473	54.100	ng/ul	96
69) Hexachlorobenzene	16.469	284	531393	47.271	ng/ul	98
70) Atrazine	16.645	200	525559	48.842	ng/ul	99
71) Pentachlorophenol	16.816	266	334938	47.395	ng/ul	98
72) Phenanthrene	17.210	178	2671900	47.540	ng/ul	99
74) Anthracene	17.304	178	2720481	47.738	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	650982	45.374	ng/ul	99
76) Pentachlorobenzene	14.734	250	646428	46.218	ng/ul	99
77) Carbazole	17.575	167	2528279	48.500	ng/ul	99
78) Di-n-butylphthalate	18.145	149	3205936	51.457	ng/ul	100
80) Fluoranthene	19.186	202	3033759	47.748	ng/ul	99
82) Pyrene	19.539	202	3131608	47.499	ng/ul	100
83) Butylbenzylphthalate	20.428	149	1431471	52.916	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.192	252	990593	44.846	ng/ul	99
85) Benzo(a)anthracene	21.251	228	2937026	47.280	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	2222420	52.472	ng/ul	99
87) Chrysene	21.304	228	2865707	48.128	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	3673292	52.304	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	3152704	49.253	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	2920381	48.070	ng/ul	100
93) Benzo(a)pyrene	23.516	252	2754283	49.226	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.051	276	3478349	48.566	ng/ul	97
95) Dibenzo(a,h)anthracene	26.074	278	2942322	48.505	ng/ul	99
96) Benzo(g,h,i)perylene	26.798	276	2891923	48.870	ng/ul	99

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

