

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
 Data File : BP007655.D
 Acq On : 25 Oct 2021 23:21
 Operator : CG/JU
 Sample : PB140162BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS162

Manual Integrations
 APPROVED

mohammad
 10/26/2021 11:34:44 AM

Quant Time: Oct 26 02:39:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 25 16:57:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	160493	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	635036	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	406108	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	872021	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	908226	20.000	ng/u1	0.00
88) Perylene-d12	23.863	264	980966	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	28434	8.048	ng/uL	0.00
4) Pyridine-d5	3.781	84	406183	38.017	ng/u1	0.00
7) Phenol-d5	7.105	99	496676	40.744	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	279352	41.275	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	401034	42.298	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	393660	41.241	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	189653	43.824	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	206673	43.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	408328	42.442	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	494854	38.900	ng/u1	0.00
46) Dimethylphthalate-d6	13.987	166	1159099	42.136	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	1410236	41.827	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	211252	41.894	ng/u1	0.00
60) Fluorene-d10	15.569	176	966769	41.688	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	181722	38.959	ng/u1	0.00
73) Anthracene-d10	17.428	188	1494805	41.712	ng/u1	0.00
81) Pyrene-d10	19.663	212	1856391	43.903	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	1944361	40.348	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	58992	14.935	ng/uL	90
5) Pyridine	3.805	79	402227	38.433	ng/u1	99
6) Benzaldehyde	7.075	77	296291	50.558	ng/u1	95
8) Phenol	7.128	94	504271	40.942	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.358	93	395595	40.741	ng/u1	99
12) 2-Chlorophenol	7.505	128	404882	42.124	ng/u1	97
13) 2-Methylphenol	8.381	108	381638	41.020	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	456699	41.410	ng/u1	98
16) Acetophenone	8.763	105	581789	40.838	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.752	70	282758	41.730	ng/u1	93
18) 4-Methylphenol	8.711	108	403970	40.716	ng/u1	97
19) Hexachloroethane	9.022	117	164058	41.706	ng/u1	91
22) Nitrobenzene	9.140	77	429846	42.095	ng/u1	95
23) Isophorone	9.669	82	815342	41.740	ng/u1	98
25) 2-Nitrophenol	9.852	139	219543	43.155	ng/u1	98
26) 2,4-Dimethylphenol	9.916	107	443397	40.937	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.152	93	515844	41.193	ng/u1	99
29) 2,4-Dichlorophenol	10.387	162	395624	41.973	ng/u1	97
30) Naphthalene	10.793	128	1210375	40.372	ng/u1	100
32) 4-Chloroaniline	10.899	127	493359	38.102	ng/u1	98
33) Hexachlorobutadiene	11.087	225	280631	40.838	ng/u1	99
34) Caprolactam	11.669	113	121061m	39.171	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	412064	42.228	ng/u1	97
36) 2-Methylnaphthalene	12.404	142	842772	40.889	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	847740	40.734	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	506040	41.080	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	284460	35.609	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	327300	42.228	ng/ul	97
42) 2,4,5-Trichlorophenol	13.081	196	352507	42.239	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	1148013	40.920	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	881437	40.542	ng/ul	98
45) 2-Nitroaniline	13.651	65	244068	44.497	ng/ul	92
47) Dimethylphthalate	14.034	163	1128969	41.521	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	232797	44.827	ng/ul	93
50) Acenaphthylene	14.298	152	1400535	41.028	ng/ul	99
51) 3-Nitroaniline	14.475	138	229167	41.606	ng/ul#	93
52) Acenaphthene	14.640	153	915445	40.663	ng/ul	100
53) 2,4-Dinitrophenol	14.681	184	119506	36.868	ng/ul	97
55) 4-Nitrophenol	14.787	109	182295	40.893	ng/ul	92
56) Dibenzofuran	14.975	168	1329582	40.400	ng/ul	100
57) 2,4-Dinitrotoluene	14.934	165	330674	44.335	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.204	232	293183	43.099	ng/ul	94
59) Diethylphthalate	15.404	149	1113598	41.760	ng/ul	98
61) Fluorene	15.622	166	1029627	40.137	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.622	204	540592	39.737	ng/ul	98
63) 4-Nitroaniline	15.640	138	226544	44.302	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	184036	39.198	ng/ul	96
67) N-Nitrosodiphenylamine	15.834	169	919313	40.862	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	348076	40.937	ng/ul	96
69) Hexachlorobenzene	16.634	284	404926	41.125	ng/ul	97
70) Atrazine	16.792	200	369934	39.657	ng/ul	99
71) Pentachlorophenol	16.981	266	239407	39.152	ng/ul	99
72) Phenanthrene	17.369	178	1734099	41.143	ng/ul	99
74) Anthracene	17.463	178	1684607	40.183	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	503664	39.505	ng/ul	99
76) Pentachlorobenzene	14.898	250	485692	39.507	ng/ul	98
77) Carbazole	17.728	167	1580397	40.835	ng/ul	99
78) Di-n-butylphthalate	18.292	149	1873021	42.271	ng/ul	100
80) Fluoranthene	19.339	202	2165663	41.791	ng/ul	96
82) Pyrene	19.692	202	2164220	41.263	ng/ul	96
83) Butylbenzylphthalate	20.569	149	871212	42.691	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.333	252	743123	44.149	ng/ul#	98
85) Benzo(a)anthracene	21.398	228	2237901	41.494	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	1273325	41.991	ng/ul	100
87) Chrysene	21.457	228	2155152	41.329	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	2228342	40.780	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	2391296	41.371	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	2269365	41.955	ng/ul	99
93) Benzo(a)pyrene	23.757	252	2328015	41.569	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	2802977	42.018	ng/ul	98
95) Dibenzo(a,h)anthracene	26.439	278	2401241	42.005	ng/ul	99
96) Benzo(g,h,i)perylene	27.204	276	2405791	42.401	ng/ul	96

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

