

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
 Data File : BP011296.D
 Acq On : 06 Aug 2022 01:20
 Operator : CG/JU
 Sample : PB146741BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS741

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/10/2022

Quant Time: Aug 06 02:58:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	114586	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.387	136	555951	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	448429	20.000	ng/u1	# 0.00
64) Phenanthrene-d10	17.040	188	910095	20.000	ng/u1	0.00
79) Chrysene-d12	21.163	240	1045845	20.000	ng/u1	-0.01
88) Perylene-d12	23.474	264	910476	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	4330	3.055	ng/uL	0.00
4) Pyridine-d5	3.499	84	69508	18.183	ng/u1	0.00
7) Phenol-d5	6.781	99	274599	28.756	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	219852	31.906	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.128	132	212227	27.266	ng/u1	-0.01
15) 4-Methylphenol-d8	8.322	113	213915	27.225	ng/u1	0.00
21) Nitrobenzene-d5	8.758	128	158226	39.568	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.475	143	127791	34.093	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	254526	35.609	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	655752	59.301	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	865069	28.166	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1309705	33.893	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.499	143	194541	37.249	ng/u1	0.00
60) Fluorene-d10	15.269	176	996413	38.128	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	170454	40.335	ng/u1	-0.01
73) Anthracene-d10	17.134	188	1595852	39.898	ng/u1	-0.01
81) Pyrene-d10	19.398	212	1742560	32.954	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.327	264	1656334	36.507	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	7997	6.118	ng/uL#	83
5) Pyridine	3.517	79	66476	17.174	ng/u1	96
6) Benzaldehyde	6.746	77	166442	35.655	ng/u1	98
8) Phenol	6.805	94	302789	29.571	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.034	93	257903	30.696	ng/u1	97
12) 2-Chlorophenol	7.158	128	245603	30.379	ng/u1	96
13) 2-Methylphenol	8.052	108	192853	24.892	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.134	45	395534	27.626	ng/u1#	94
16) Acetophenone	8.422	105	616403	48.408	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	220083	35.520	ng/u1	97
18) 4-Methylphenol	8.381	108	273509	32.917	ng/u1	100
19) Hexachloroethane	8.658	117	190716	49.193	ng/u1	99
22) Nitrobenzene	8.799	77	435084	39.703	ng/u1	98
23) Isophorone	9.334	82	566528	29.053	ng/u1	98
25) 2-Nitrophenol	9.511	139	155070	35.751	ng/u1	99
26) 2,4-Dimethylphenol	9.581	107	285530	29.097	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	370096	30.146	ng/u1	97
29) 2,4-Dichlorophenol	10.040	162	295154	39.512	ng/u1	98
30) Naphthalene	10.434	128	1210806	41.255	ng/u1	99
32) 4-Chloroaniline	10.563	127	445080	39.739	ng/u1	98
33) Hexachlorobutadiene	10.716	225	221330	47.434	ng/u1	100
34) Caprolactam	11.363	113	64620m	29.206	ng/u1	
35) 4-Chloro-3-methylphenol	11.705	107	318762	37.733	ng/u1	98
36) 2-Methylnaphthalene	12.063	142	729995	39.806	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	766255	41.595	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	394948	32.204	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	172704	22.288	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	195726	25.475	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	245926	29.827	ng/ul	97
43) 1,1'-Biphenyl	13.093	154	1141858	31.905	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	873339	32.711	ng/ul	100
45) 2-Nitroaniline	13.357	65	163024	25.385	ng/ul	90
47) Dimethylphthalate	13.740	163	950628	30.682	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	165787	35.646	ng/ul	93
50) Acenaphthylene	13.987	152	1547856	35.449	ng/ul	99
51) 3-Nitroaniline	14.193	138	166976	32.549	ng/ul	99
52) Acenaphthene	14.334	153	1004664	35.572	ng/ul	95
53) 2,4-Dinitrophenol	14.399	184	94614	34.257	ng/ul	99
55) 4-Nitrophenol	14.510	109	162813	34.544	ng/ul	94
56) Dibenzofuran	14.669	168	1483230	38.375	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	315975	43.139	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.904	232	208375	33.470	ng/ul	94
59) Diethylphthalate	15.116	149	926818	28.985	ng/ul	99
61) Fluorene	15.328	166	1227544	39.861	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	543521	39.966	ng/ul	98
63) 4-Nitroaniline	15.369	138	199880m	46.568	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	167921	38.428	ng/ul	99
67) N-Nitrosodiphenylamine	15.546	169	840845	31.609	ng/ul#	87
68) 4-Bromophenyl-phenylether	16.228	248	272334	33.171	ng/ul	97
69) Hexachlorobenzene	16.328	284	358162	37.347	ng/ul	99
70) Atrazine	16.522	200	115239	14.482	ng/ul	98
71) Pentachlorophenol	16.687	266	186903	33.275	ng/ul	98
72) Phenanthrene	17.081	178	1961057	39.357	ng/ul	99
74) Anthracene	17.169	178	1965170	39.657	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.052	216	348860	25.049	ng/uL	98
76) Pentachlorobenzene	14.587	250	417735	35.185	ng/uL	99
77) Carbazole	17.451	167	1700591	38.264	ng/ul	100
78) Di-n-butylphthalate	18.028	149	1307238	23.712	ng/ul#	95
80) Fluoranthene	19.069	202	2039401	31.535	ng/ul	99
82) Pyrene	19.428	202	2311967	34.259	ng/ul	99
83) Butylbenzylphthalate	20.322	149	378691	14.696	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.092	252	309352	18.085	ng/ul	99
85) Benzo(a)anthracene	21.145	228	2132249	32.620	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.092	149	676417	15.363	ng/ul	100
87) Chrysene	21.198	228	2129759	33.102	ng/ul	100
89) Di-n-octyl phthalate	21.992	149	1178225	18.980	ng/ul	100
90) Benzo(b)fluoranthene	22.769	252	2064787	35.597	ng/ul	98
91) Benzo(k)fluoranthene	22.822	252	2093479	38.469	ng/ul	100
93) Benzo(a)pyrene	23.375	252	2067735	36.620	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.857	276	2287905	33.952	ng/ul	96
95) Dibenzo(a,h)anthracene	25.874	278	1982144	34.687	ng/ul	99
96) Benzo(g,h,i)perylene	26.586	276	1908729	33.054	ng/ul	97

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

