

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
 Data File : BP015002.D
 Acq On : 08 May 2023 20:08
 Operator : CG/JU
 Sample : PB152664BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS664

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 08 23:38:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	324535	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1289282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	931313	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1945621	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1472628	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1254518	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	49015	5.616	ng/uL	0.00
4) Pyridine-d5	3.899	84	415156	17.402	ng/u1	0.00
7) Phenol-d5	7.311	99	965533	34.316	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	561570	32.291	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	740972	35.815	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	782217	36.075	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	374464	40.838	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	421297	44.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	708591	38.328	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	385182	14.404	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	2180537	33.082	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	2566886	32.471	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	430636	37.555	ng/u1	0.00
60) Fluorene-d10	15.798	176	1846021	32.553	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	387232	35.355	ng/u1	0.00
73) Anthracene-d10	17.663	188	2832560	32.402	ng/u1	0.00
81) Pyrene-d10	19.881	212	3077659	30.987	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	2079270	34.017	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	101129	10.694	ng/uL	98
5) Pyridine	3.917	79	625361	25.179	ng/u1	99
6) Benzaldehyde	7.287	77	485334	63.089	ng/u1	99
8) Phenol	7.340	94	970004	32.837	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.575	93	761717	31.023	ng/u1	99
12) 2-Chlorophenol	7.722	128	739742	33.006	ng/u1	99
13) 2-Methylphenol	8.605	108	747677	33.945	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.699	45	956381	30.709	ng/u1	100
16) Acetophenone	8.999	105	1154154	32.554	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.987	70	583128	32.273	ng/u1	98
18) 4-Methylphenol	8.940	108	816010	33.512	ng/u1	97
19) Hexachloroethane	9.258	117	296347	30.476	ng/u1	98
22) Nitrobenzene	9.387	77	863589	35.844	ng/u1	95
23) Isophorone	9.916	82	1709968	35.911	ng/u1	100
25) 2-Nitrophenol	10.105	139	435313	40.200	ng/u1	96
26) 2,4-Dimethylphenol	10.158	107	849670	36.155	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.393	93	969068	31.835	ng/u1	100
29) 2,4-Dichlorophenol	10.640	162	684460	35.793	ng/u1	99
30) Naphthalene	11.052	128	2052887	28.967	ng/u1	100
32) 4-Chloroaniline	11.158	127	704722	25.254	ng/u1	99
33) Hexachlorobutadiene	11.328	225	367723	29.802	ng/u1	100
34) Caprolactam	11.940	113	226326m	38.418	ng/u1	
35) 4-Chloro-3-methylphenol	12.269	107	703690	35.796	ng/u1	99
36) 2-Methylnaphthalene	12.646	142	1405768	32.076	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	1453341	32.171	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	755968	26.023	ng/ul	98
40) Hexachlorocyclopentadiene	12.987	237	430566	21.981	ng/ul	98
41) 2,4,6-Trichlorophenol	13.246	196	578006	32.290	ng/ul	99
42) 2,4,5-Trichlorophenol	13.316	196	636826	33.008	ng/ul	96
43) 1,1'-Biphenyl	13.646	154	2159829	29.008	ng/ul	99
44) 2-Chloronaphthalene	13.693	162	1690241	29.143	ng/ul	99
45) 2-Nitroaniline	13.893	65	497404	36.828	ng/ul	97
47) Dimethylphthalate	14.257	163	2132957	30.775	ng/ul	99
48) 2,6-Dinitrotoluene	14.381	165	444460	36.290	ng/ul	98
50) Acenaphthylene	14.534	152	2669657	29.788	ng/ul	100
51) 3-Nitroaniline	14.710	138	451809	40.771	ng/ul	96
52) Acenaphthene	14.875	153	1814522	29.258	ng/ul	99
53) 2,4-Dinitrophenol	14.922	184	266933	35.810	ng/ul	93
55) 4-Nitrophenol	15.016	109	299216	34.281	ng/ul	96
56) Dibenzofuran	15.204	168	2506511	29.952	ng/ul	99
57) 2,4-Dinitrotoluene	15.169	165	639741	37.293	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.428	232	530436	33.783	ng/ul	96
59) Diethylphthalate	15.616	149	2132309	32.560	ng/ul	99
61) Fluorene	15.857	166	2001166	30.315	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	977890	30.271	ng/ul	96
63) 4-Nitroaniline	15.875	138	481270	52.033	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.940	198	375768	32.345	ng/ul#	93
67) N-Nitrosodiphenylamine	16.057	169	1740698	29.477	ng/ul	100
68) 4-Bromophenyl-phenylether	16.745	248	614875	30.379	ng/ul	96
69) Hexachlorobenzene	16.863	284	701839	29.438	ng/ul	98
70) Atrazine	17.010	200	438108	22.047	ng/ul	99
71) Pentachlorophenol	17.210	266	445302	31.996	ng/ul	98
72) Phenanthrene	17.610	178	3217223	29.931	ng/ul	99
74) Anthracene	17.698	178	3231670	30.199	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.610	216	851400	26.435	ng/uL	98
76) Pentachlorobenzene	15.128	250	817044	26.665	ng/uL	99
77) Carbazole	17.963	167	2957542	32.859	ng/ul	99
78) Di-n-butylphthalate	18.492	149	3673663	36.500	ng/ul	100
80) Fluoranthene	19.557	202	3605518	29.584	ng/ul	99
82) Pyrene	19.910	202	3669306	28.417	ng/ul	99
83) Butylbenzylphthalate	20.763	149	1596690	41.186	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.551	252	1014598	40.935	ng/ul	98
85) Benzo(a)anthracene	21.628	228	3153507	32.083	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.522	149	2350959	48.196	ng/ul	100
87) Chrysene	21.686	228	2965162	29.960	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	3915477	53.454	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	2642065	32.587	ng/ul	99
91) Benzo(k)fluoranthene	23.492	252	2557801	30.998	ng/ul	99
93) Benzo(a)pyrene	24.127	252	2213205	31.126	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.010	276	2717421	31.330	ng/ul	98
95) Dibenzo(a,h)anthracene	27.021	278	2254787	31.718	ng/ul	99
96) Benzo(g,h,i)perylene	27.857	276	2262811	30.653	ng/ul	98

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

