

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
 Data File : BP016729.D
 Acq On : 24 Aug 2023 15:39
 Operator : MA/JU
 Sample : SSTD02033
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020633

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 01:04:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 00:53:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	549450	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	2488855	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	1630814	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	3745333	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	3480112	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	3321888	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	106102	7.981	ng/uL	0.00
4) Pyridine-d5	3.823	84	817437	20.121	ng/u1	0.00
7) Phenol-d5	7.181	99	1022523	20.929	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	666467	21.403	ng/u1	0.00
11) 2-Chlorophenol-d4	7.558	132	793046	21.589	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	856232	21.468	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	407630	21.662	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	440702	22.218	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	816702	22.085	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	1188453	20.957	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	2670986	21.718	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	2961099	21.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	544383	21.415	ng/u1	0.00
60) Fluorene-d10	15.687	176	2218909	21.425	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	452427	20.284	ng/u1	0.00
73) Anthracene-d10	17.563	188	3535459	21.296	ng/u1	0.00
81) Pyrene-d10	19.792	212	4137462	21.647	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	3578549	21.506	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	112354	7.761	ng/uL	100
5) Pyridine	3.840	79	848538	20.276	ng/u1	100
6) Benzaldehyde	7.193	77	685605	25.660	ng/u1	100
8) Phenol	7.211	94	1076506	21.054	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.469	93	877942	21.272	ng/u1	100
12) 2-Chlorophenol	7.593	128	804643	21.430	ng/u1	100
13) 2-Methylphenol	8.475	108	816322	21.284	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.552	45	1301498m	21.616	ng/u1	
16) Acetophenone	8.887	105	1342151	21.702	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.863	70	722613	22.172	ng/u1	100
18) 4-Methylphenol	8.811	108	902319	21.604	ng/u1	100
19) Hexachloroethane	9.111	117	330040	21.125	ng/u1	100
22) Nitrobenzene	9.281	77	1033961	21.417	ng/u1	100
23) Isophorone	9.799	82	2072728	22.106	ng/u1	100
25) 2-Nitrophenol	9.987	139	480867	21.924	ng/u1	100
26) 2,4-Dimethylphenol	10.022	107	957330	21.717	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.281	93	1233302	21.320	ng/u1	100
29) 2,4-Dichlorophenol	10.505	162	815582	21.956	ng/u1	100
30) Naphthalene	10.922	128	2714469	21.054	ng/u1	100
32) 4-Chloroaniline	11.052	127	1169821	20.991	ng/u1	100
33) Hexachlorobutadiene	11.152	225	471384	20.601	ng/u1	100
34) Caprolactam	11.875	113	315905m	22.866	ng/u1	
35) 4-Chloro-3-methylphenol	12.146	107	956468	22.962	ng/u1	100
36) 2-Methylnaphthalene	12.522	142	1897095	21.318	ng/u1	100

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37) 1-Methylnaphthalene	12.740	142	1922713	21.426	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.869	216	945706	20.346	ng/ul	100
40) Hexachlorocyclopentadiene	12.822	237	661525	19.353	ng/ul	100
41) 2,4,6-Trichlorophenol	13.122	196	678314	21.854	ng/ul	100
42) 2,4,5-Trichlorophenol	13.187	196	743266	22.129	ng/ul	100
43) 1,1'-Biphenyl	13.528	154	2533582	20.895	ng/ul	100
44) 2-Chloronaphthalene	13.575	162	1980192	20.688	ng/ul	100
45) 2-Nitroaniline	13.804	65	659755	22.728	ng/ul	100
47) Dimethylphthalate	14.151	163	2706336	21.728	ng/ul	100
48) 2,6-Dinitrotoluene	14.293	165	557197	22.834	ng/ul	100
50) Acenaphthylene	14.422	152	3338423	20.979	ng/ul	100
51) 3-Nitroaniline	14.634	138	572876	22.542	ng/ul	100
52) Acenaphthene	14.757	153	2206740	20.962	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	278797	15.720	ng/ul	100
55) 4-Nitrophenol	14.916	109	417722	21.759	ng/ul	100
56) Dibenzofuran	15.093	168	3054074	21.143	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	819021	22.799	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.304	232	630456	22.049	ng/ul	100
59) Diethylphthalate	15.504	149	2777901	21.954	ng/ul	100
61) Fluorene	15.745	166	2588762	21.426	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.734	204	1265958	21.341	ng/ul	100
63) 4-Nitroaniline	15.804	138	579116	23.947	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.828	198	486603	20.235	ng/ul	100
67) N-Nitrosodiphenylamine	15.957	169	2208830	21.323	ng/ul	100
68) 4-Bromophenyl-phenylether	16.640	248	753737	20.991	ng/ul	100
69) Hexachlorobenzene	16.722	284	828597	20.609	ng/ul	100
70) Atrazine	16.910	200	778553	19.935	ng/ul	100
71) Pentachlorophenol	17.081	266	762768	25.558	ng/ul	100
72) Phenanthrene	17.504	178	4162298	21.110	ng/ul	100
74) Anthracene	17.598	178	4196726	21.050	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	1013317	20.206	ng/ul	100
76) Pentachlorobenzene	14.987	250	921757	20.567	ng/ul	100
77) Carbazole	17.875	167	3908265	21.766	ng/ul	100
78) Di-n-butylphthalate	18.386	149	4987449	22.264	ng/ul	100
80) Fluoranthene	19.463	202	4971664	21.653	ng/ul	100
82) Pyrene	19.822	202	5084651	21.439	ng/ul	100
83) Butylbenzylphthalate	20.675	149	2318091	22.663	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.475	252	1539052	20.690	ng/ul	100
85) Benzo(a)anthracene	21.539	228	5112397	21.327	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	3381742	22.643	ng/ul	100
87) Chrysene	21.598	228	4624443	21.238	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	5593123	22.356	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	4672377	22.026	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	4457536	21.248	ng/ul	100
93) Benzo(a)pyrene	24.016	252	4064949	21.186	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.874	276	4038903	20.600	ng/ul	100
95) Dibenzo(a,h)anthracene	26.898	278	3348712	20.563	ng/ul	100
96) Benzo(g,h,i)perylene	27.727	276	3023054	20.337	ng/ul	100

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

