

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
 Data File : BP016345.D
 Acq On : 25 Jul 2023 13:00
 Operator : MA/JU
 Sample : SSTD02004
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020606

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 23:44:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 16:07:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	515222	20.000	ng/u1	0.00
20) Naphthalene-d8	10.937	136	2209267	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.743	164	1316265	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.507	188	2700388	20.000	ng/u1	0.00
79) Chrysene-d12	21.601	240	2069443	20.000	ng/u1	0.00
88) Perylene-d12	24.207	264	1935221	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	103343	7.909	ng/uL	0.00
4) Pyridine-d5	3.855	84	754350	20.347	ng/u1	0.00
7) Phenol-d5	7.225	99	908954	21.082	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.437	67	555244	21.450	ng/u1	0.00
11) 2-Chlorophenol-d4	7.619	132	722216	21.471	ng/u1	0.00
15) 4-Methylphenol-d8	8.796	113	731952	21.110	ng/u1	0.00
21) Nitrobenzene-d5	9.296	128	302010	22.200	ng/u1	0.00
24) 2-Nitrophenol-d4	10.013	143	253115	22.559	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.537	165	673351	21.651	ng/u1	0.00
31) 4-Chloroaniline-d4	11.084	131	1020011	21.083	ng/u1	0.00
46) Dimethylphthalate-d6	14.154	166	2024046	21.011	ng/u1	0.00
49) Acenaphthylene-d8	14.443	160	2399209	21.081	ng/u1	0.00
54) 4-Nitrophenol-d4	14.925	143	309419	19.169	ng/u1	0.00
60) Fluorene-d10	15.737	176	1725165	21.051	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.848	200	149108	16.764	ng/u1	0.00
73) Anthracene-d10	17.607	188	2557791	21.383	ng/u1	0.00
81) Pyrene-d10	19.831	212	2697198	22.954	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.030	264	1988437	21.297	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.467	88	111139	8.021	ng/uL	99
5) Pyridine	3.878	79	765455	20.294	ng/u1	100
6) Benzaldehyde	7.249	77	607169	25.813	ng/u1	99
8) Phenol	7.255	94	950609	21.202	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.531	93	787282	21.434	ng/u1	99
12) 2-Chlorophenol	7.649	128	736336	21.291	ng/u1	98
13) 2-Methylphenol	8.531	108	726110	21.120	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.619	45	959486	21.581	ng/u1	99
16) Acetophenone	8.949	105	1187095	21.694	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.919	70	602483	21.144	ng/u1	99
18) 4-Methylphenol	8.861	108	770464	20.975	ng/u1	99
19) Hexachloroethane	9.178	117	303945	21.007	ng/u1	96
22) Nitrobenzene	9.337	77	811385	22.278	ng/u1	99
23) Isophorone	9.855	82	1728281	21.068	ng/u1	100
25) 2-Nitrophenol	10.043	139	326839	23.346	ng/u1	97
26) 2,4-Dimethylphenol	10.078	107	843444	21.308	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.349	93	1042133	21.070	ng/u1	100
29) 2,4-Dichlorophenol	10.560	162	680334	21.640	ng/u1	99
30) Naphthalene	10.984	128	2405087	21.019	ng/u1	99
32) 4-Chloroaniline	11.108	127	1006171	21.213	ng/u1	99
33) Hexachlorobutadiene	11.225	225	440725	21.329	ng/u1	99
34) Caprolactam	11.890	113	226951m	19.560	ng/u1	
35) 4-Chloro-3-methylphenol	12.190	107	740787	21.287	ng/u1	98
36) 2-Methylnaphthalene	12.584	142	1637437	20.998	ng/u1	100

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37) 1-Methylnaphthalene	12.802	142	1640121	21.036	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.925	216	830390	21.354	ng/ul	99
40) Hexachlorocyclopentadiene	12.884	237	594998	21.433	ng/ul	99
41) 2,4,6-Trichlorophenol	13.172	196	502664	21.939	ng/ul	98
42) 2,4,5-Trichlorophenol	13.237	196	535614	21.844	ng/ul	98
43) 1,1'-Biphenyl	13.584	154	2102229	21.152	ng/ul	99
44) 2-Chloronaphthalene	13.631	162	1653369	21.265	ng/ul	100
45) 2-Nitroaniline	13.849	65	370020	22.745	ng/ul	98
47) Dimethylphthalate	14.201	163	2027197	20.867	ng/ul	99
48) 2,6-Dinitrotoluene	14.337	165	316492	22.607	ng/ul	98
50) Acenaphthylene	14.472	152	2739586	21.129	ng/ul	99
51) 3-Nitroaniline	14.672	138	350877	21.424	ng/ul	99
52) Acenaphthene	14.807	153	1754607	20.987	ng/ul	99
53) 2,4-Dinitrophenol	14.866	184	75399	12.593	ng/ul	95
55) 4-Nitrophenol	14.943	109	269187	20.689	ng/ul	96
56) Dibenzofuran	15.143	168	2379647	20.791	ng/ul	100
57) 2,4-Dinitrotoluene	15.113	165	451487	22.620	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.348	232	424611	21.707	ng/ul	94
59) Diethylphthalate	15.560	149	2042945	20.879	ng/ul	99
61) Fluorene	15.796	166	1941249	20.882	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.790	204	949069	20.941	ng/ul	99
63) 4-Nitroaniline	15.837	138	335902	22.366	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.866	198	191207	17.982	ng/ul	99
67) N-Nitrosodiphenylamine	16.007	169	1630272	21.532	ng/ul	99
68) 4-Bromophenyl-phenylether	16.690	248	554705	21.660	ng/ul	98
69) Hexachlorobenzene	16.766	284	651450	21.213	ng/ul	98
70) Atrazine	16.960	200	589994	21.357	ng/ul	100
71) Pentachlorophenol	17.125	266	346325	20.012	ng/ul	99
72) Phenanthrene	17.548	178	2961627	21.076	ng/ul	99
74) Anthracene	17.642	178	3040290	21.241	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.537	216	867625	22.259	ng/ul	98
76) Pentachlorobenzene	15.037	250	760813	22.088	ng/ul	99
77) Carbazole	17.913	167	2686528	21.805	ng/ul	100
78) Di-n-butylphthalate	18.442	149	3357487	21.398	ng/ul	99
80) Fluoranthene	19.501	202	3263496	23.169	ng/ul	98
82) Pyrene	19.860	202	3331430	22.893	ng/ul	99
83) Butylbenzylphthalate	20.731	149	1256985	22.816	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.513	252	957168	21.044	ng/ul	98
85) Benzo(a)anthracene	21.578	228	2981945	21.274	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.483	149	1793089	21.337	ng/ul	100
87) Chrysene	21.636	228	2728740	21.022	ng/ul	99
89) Di-n-octyl phthalate	22.489	149	2676621	22.003	ng/ul	100
90) Benzo(b)fluoranthene	23.389	252	2509218	21.651	ng/ul	100
91) Benzo(k)fluoranthene	23.448	252	2561701	22.211	ng/ul	99
93) Benzo(a)pyrene	24.089	252	2331599	21.362	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.989	276	2417561	19.181	ng/ul	99
95) Dibenzo(a,h)anthracene	27.024	278	2025664	19.432	ng/ul	99
96) Benzo(g,h,i)perylene	27.854	276	1876609	18.807	ng/ul	98

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

