

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044701.D
 Acq On : 21 Mar 2024 15:19
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020081

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 21 16:13:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	197318	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	801780	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.339	164	457952	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	843516	20.000	ng/u1	0.00
79) Chrysene-d12	21.291	240	715921	20.000	ng/u1	0.00
88) Perylene-d12	23.538	264	822040	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	43315	7.445	ng/uL	0.00
4) Pyridine-d5	3.651	84	302795	17.683	ng/u1	0.00
7) Phenol-d5	6.863	99	373808	18.426	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.039	67	241426	19.267	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.228	132	289562	19.423	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	281438	17.665	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	142418	21.094	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	152563	20.961	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	262395	21.183	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.622	131	390385	18.976	ng/u1	0.00
46) Dimethylphthalate-d6	13.762	166	687765	19.145	ng/u1	0.00
49) Acenaphthylene-d8	14.027	160	815406	19.847	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	121484	16.307	ng/u1	0.00
60) Fluorene-d10	15.339	176	581870	19.275	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	103796	18.957	ng/u1	0.00
73) Anthracene-d10	17.192	188	826755	20.505	ng/u1	0.00
81) Pyrene-d10	19.492	212	875887	19.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.391	264	869186	20.117	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	46956	7.796	ng/uL	97
5) Pyridine	3.669	79	317642	17.885	ng/u1	94
6) Benzaldehyde	6.851	77	214638	24.291	ng/u1	92
8) Phenol	6.892	94	377720	18.244	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.134	93	312851	18.402	ng/u1	96
12) 2-Chlorophenol	7.257	128	299264	19.462	ng/u1	97
13) 2-Methylphenol	8.133	108	280615	17.861	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	469060	20.892	ng/u1	96
16) Acetophenone	8.516	105	452742	18.323	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.504	70	240314	18.824	ng/u1	90
18) 4-Methylphenol	8.457	108	302367	17.679	ng/u1	95
19) Hexachloroethane	8.751	117	126439	20.074	ng/u1	93
22) Nitrobenzene	8.892	77	346155	21.620	ng/u1	96
23) Isophorone	9.416	82	650322	19.908	ng/u1	98
25) 2-Nitrophenol	9.598	139	163903	20.656	ng/u1	96
26) 2,4-Dimethylphenol	9.657	107	297471	20.603	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.904	93	412078	20.058	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	262169	21.200	ng/u1	97
30) Naphthalene	10.522	128	938342	20.663	ng/u1	100
32) 4-Chloroaniline	10.645	127	378649	19.092	ng/u1	99
33) Hexachlorobutadiene	10.792	225	157191	22.678	ng/u1	99
34) Caprolactam	11.433	113	74004m	15.366	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	272057	18.970	ng/u1	99
36) 2-Methylnaphthalene	12.139	142	605125	20.039	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	595396	19.987	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	287400	22.059	ng/ul	98
40) Hexachlorocyclopentadiene	12.474	237	190403	22.016	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	189086	20.703	ng/ul	98
42) 2,4,5-Trichlorophenol	12.827	196	198830	20.313	ng/ul	99
43) 1,1'-Biphenyl	13.168	154	756655	20.807	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	590069	20.677	ng/ul	99
45) 2-Nitroaniline	13.427	65	179244	20.007	ng/ul	97
47) Dimethylphthalate	13.810	163	698368	19.105	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	134185	18.378	ng/ul	98
50) Acenaphthylene	14.057	152	971837	20.296	ng/ul	99
51) 3-Nitroaniline	14.262	138	145177	18.408	ng/ul	100
52) Acenaphthene	14.404	153	637400	20.248	ng/ul	98
53) 2,4-Dinitrophenol	14.468	184	70697	15.137	ng/ul	94
55) 4-Nitrophenol	14.568	109	91120	17.457	ng/ul	95
56) Dibenzofuran	14.739	168	837936	20.011	ng/ul	100
57) 2,4-Dinitrotoluene	14.721	165	189263	17.957	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.968	232	157336	19.424	ng/ul	95
59) Diethylphthalate	15.180	149	686620	18.099	ng/ul	100
61) Fluorene	15.392	166	689287	20.127	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	328064	20.640	ng/ul	99
63) 4-Nitroaniline	15.433	138	138360m	18.355	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	112449	19.218	ng/ul	96
67) N-Nitrosodiphenylamine	15.609	169	550576	21.672	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	187268	22.196	ng/ul	96
69) Hexachlorobenzene	16.386	284	215025	22.375	ng/ul	98
70) Atrazine	16.574	200	171881	20.704	ng/ul	99
71) Pentachlorophenol	16.739	266	125081	19.711	ng/ul	98
72) Phenanthrene	17.133	178	983616	20.556	ng/ul	100
74) Anthracene	17.227	178	1010256	20.876	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.121	216	277179	24.602	ng/uL	100
76) Pentachlorobenzene	14.651	250	260872	23.950	ng/uL	99
77) Carbazole	17.503	167	898533	19.759	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1132422	18.514	ng/ul	100
80) Fluoranthene	19.156	202	1053764	20.152	ng/ul	98
82) Pyrene	19.521	202	1098469	20.177	ng/ul	98
83) Butylbenzylphthalate	20.444	149	464133	17.338	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	321372	20.752	ng/ul	98
85) Benzo(a)anthracene	21.274	228	1065710	19.823	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	733210	18.785	ng/ul	97
87) Chrysene	21.327	228	991870	19.927	ng/ul	99
89) Di-n-octyl phthalate	22.109	149	1224319	16.642	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1085719	19.738	ng/ul	100
91) Benzo(k)fluoranthene	22.909	252	1046907	19.433	ng/ul	99
93) Benzo(a)pyrene	23.438	252	1025359	19.927	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.797	276	1289350	22.341	ng/ul	98
95) Dibenzo(a,h)anthracene	25.821	278	1088919	22.629	ng/ul	98
96) Benzo(g,h,i)perylene	26.491	276	1026768	22.294	ng/ul	98

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

