

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053124\
 Data File : BM045793.D
 Acq On : 31 May 2024 11:43
 Operator : MA/JU
 Sample : SSTD08016
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080038

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 12:41:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 11:12:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	306098	20.000	ng/u1	0.00
20) Naphthalene-d8	10.234	136	1243413	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	707706	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.857	188	1324256	20.000	ng/u1	0.00
79) Chrysene-d12	21.074	240	972354	20.000	ng/u1	0.00
88) Perylene-d12	23.791	264	1052604	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	243042	31.436	ng/uL	0.00
4) Pyridine-d5	3.452	84	1690300	84.077	ng/u1	-0.02
7) Phenol-d5	6.728	99	2067147	79.008	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	1458772	76.790	ng/u1	0.00
11) 2-Chlorophenol-d4	7.034	132	1607215	82.199	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	1580235	79.949	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	803461	82.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.339	143	882096	89.482	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	1545729	84.197	ng/u1	0.00
31) 4-Chloroaniline-d4	10.410	131	2005251	78.469	ng/u1	-0.01
46) Dimethylphthalate-d6	13.563	166	3938473	81.266	ng/u1	0.00
49) Acenaphthylene-d8	13.804	160	4633809	81.189	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	868990	84.260	ng/u1	0.02
60) Fluorene-d10	15.110	176	3254873	78.660	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.257	200	598011	88.658	ng/u1	0.01
73) Anthracene-d10	16.957	188	4550865	78.616	ng/u1	0.00
81) Pyrene-d10	19.256	212	4923635	80.804	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	4157853	85.091	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.081	88	266847	30.473	ng/uL	95
5) Pyridine	3.469	79	1751599	84.100	ng/u1	94
6) Benzaldehyde	6.640	77	1002524	78.331	ng/u1	99
8) Phenol	6.751	94	2119171	78.023	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.928	93	1783791	77.969	ng/u1	98
12) 2-Chlorophenol	7.063	128	1613165	78.541	ng/u1	99
13) 2-Methylphenol	7.969	108	1597635	80.039	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.004	45	3406375	76.061	ng/u1	99
16) Acetophenone	8.304	105	2516241	76.740	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.298	70	1381867	75.191	ng/u1	98
18) 4-Methylphenol	8.298	108	1607489	78.032	ng/u1	99
19) Hexachloroethane	8.534	117	773193	79.114	ng/u1	98
22) Nitrobenzene	8.675	77	2130208	76.787	ng/u1	97
23) Isophorone	9.204	82	3874068	79.235	ng/u1	99
25) 2-Nitrophenol	9.375	139	915625	85.104	ng/u1	93
26) 2,4-Dimethylphenol	9.475	107	1740889	79.780	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.681	93	2342677	79.330	ng/u1	99
29) 2,4-Dichlorophenol	9.916	162	1484405	80.652	ng/u1	98
30) Naphthalene	10.281	128	5120797	76.740	ng/u1	99
32) 4-Chloroaniline	10.434	127	1946477	78.251	ng/u1	98
33) Hexachlorobutadiene	10.575	225	998723	80.879	ng/u1	99
34) Caprolactam	11.257	113	428434m	85.443	ng/u1	
35) 4-Chloro-3-methylphenol	11.592	107	1623889	81.803	ng/u1	100
36) 2-Methylnaphthalene	11.898	142	3400011	77.870	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.128	142	3368313	77.154	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.280	216	1711486	80.395	ng/ul	97
40) Hexachlorocyclopentadiene	12.263	237	1104466	84.811	ng/ul	98
41) 2,4,6-Trichlorophenol	12.545	196	1115876	89.687	ng/ul	98
42) 2,4,5-Trichlorophenol	12.633	196	1173932	87.730	ng/ul	99
43) 1,1'-Biphenyl	12.945	154	4171783	78.648	ng/ul	98
44) 2-Chloronaphthalene	12.975	162	3275976	79.392	ng/ul	100
45) 2-Nitroaniline	13.222	65	1219198	86.005	ng/ul	98
47) Dimethylphthalate	13.610	163	3935733	79.995	ng/ul	99
48) 2,6-Dinitrotoluene	13.716	165	839863	89.670	ng/ul	98
50) Acenaphthylene	13.833	152	5156529	77.779	ng/ul	99
51) 3-Nitroaniline	14.063	138	742407	85.028	ng/ul	97
52) Acenaphthene	14.174	153	3434976	77.783	ng/ul	100
53) 2,4-Dinitrophenol	14.251	184	392524	101.350	ng/ul	99
55) 4-Nitrophenol	14.433	109	703213	83.613	ng/ul	94
56) Dibenzofuran	14.516	168	4478642	76.047	ng/ul	99
57) 2,4-Dinitrotoluene	14.510	165	1117356	85.721	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.763	232	895598	89.311	ng/ul	94
59) Diethylphthalate	14.974	149	3978749	80.759	ng/ul	99
61) Fluorene	15.169	166	3578357	74.786	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.169	204	1790319	75.911	ng/ul	98
63) 4-Nitroaniline	15.245	138	598931	83.364	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.269	198	628847	85.730	ng/ul	97
67) N-Nitrosodiphenylamine	15.392	169	2917879	77.107	ng/ul	99
68) 4-Bromophenyl-phenylether	16.063	248	1098735	79.518	ng/ul	98
69) Hexachlorobenzene	16.168	284	1207593	78.333	ng/ul	97
70) Atrazine	16.368	200	884314	78.383	ng/ul	99
71) Pentachlorophenol	16.533	266	696403	92.016	ng/ul	97
72) Phenanthrene	16.904	178	5407600	77.222	ng/ul	99
74) Anthracene	16.992	178	5328419	76.128	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.898	216	1705500	81.950	ng/ul	99
76) Pentachlorobenzene	14.433	250	1493835	76.995	ng/ul	97
77) Carbazole	17.280	167	4600360	77.501	ng/ul	99
78) Di-n-butylphthalate	17.851	149	6582731	83.964	ng/ul	99
80) Fluoranthene	18.921	202	5970867	80.744	ng/ul	100
82) Pyrene	19.286	202	5894916	77.473	ng/ul	98
83) Butylbenzylphthalate	20.215	149	2843467	91.445	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.003	252	1601891	83.876	ng/ul	99
85) Benzo(a)anthracene	21.056	228	5418846	80.890	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.003	149	4110601	89.169	ng/ul	98
87) Chrysene	21.115	228	4935600	80.151	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	7013321	87.016	ng/ul	100
90) Benzo(b)fluoranthene	22.944	252	5302304	82.391	ng/ul	100
91) Benzo(k)fluoranthene	23.003	252	5113174	81.371	ng/ul	98
93) Benzo(a)pyrene	23.674	252	4729997	83.555	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.815	276	5269560	87.377	ng/ul	99
95) Dibenzo(a,h)anthracene	26.862	278	4162356	88.621	ng/ul	100
96) Benzo(g,h,i)perylene	27.756	276	4529711	84.950	ng/ul	99

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

