

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040524\
 Data File : BM044956.D
 Acq On : 05 Apr 2024 19:44
 Operator : MA/JU
 Sample : SST01007
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD010028

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 00:45:42 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Apr 06 00:13:49 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	63327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	263764	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	165523	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	355144	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	376416	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	471953	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	6536	3.501	ng/uL	0.00
4) Pyridine-d5	3.616	84	39317	7.154	ng/ul	0.00
7) Phenol-d5	6.816	99	47817	7.344	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	30242	7.520	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	39483	8.252	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	36742	7.186	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	18015	8.111	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	19366	8.088	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	35858	8.799	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	53530	7.909	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	109441	8.429	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	128912	8.681	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	16409	6.094	ng/ul	0.00
60) Fluorene-d10	15.286	176	98086	8.989	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	15024	6.517	ng/ul	0.00
73) Anthracene-d10	17.145	188	150599	8.871	ng/ul	0.00
81) Pyrene-d10	19.451	212	177049	7.669	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.333	264	214848	8.661	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.246	88	7286	3.769	ng/uL	96
5) Pyridine	3.634	79	43163	7.573	ng/ul	96
6) Benzaldehyde	6.804	77	27869	9.827	ng/ul	89
8) Phenol	6.846	94	49189	7.403	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.081	93	40978	7.510	ng/ul	96
12) 2-Chlorophenol	7.204	128	42387	8.589	ng/ul	93
13) 2-Methylphenol	8.081	108	36692	7.277	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.157	45	50224m	6.970	ng/ul	
16) Acetophenone	8.463	105	61891	7.804	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.445	70	30519	7.449	ng/ul#	91
18) 4-Methylphenol	8.410	108	39149	7.132	ng/ul	95
19) Hexachloroethane	8.687	117	18676	9.239	ng/ul	99
22) Nitrobenzene	8.840	77	47862	9.087	ng/ul	94
23) Isophorone	9.363	82	84475	7.861	ng/ul#	97
25) 2-Nitrophenol	9.540	139	21369	8.186	ng/ul	93
26) 2,4-Dimethylphenol	9.604	107	43697	9.200	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.845	93	52266	7.733	ng/ul	98
29) 2,4-Dichlorophenol	10.069	162	36910	9.073	ng/ul	100
30) Naphthalene	10.457	128	133681	8.949	ng/ul	99
32) 4-Chloroaniline	10.592	127	53331	8.174	ng/ul	96
33) Hexachlorobutadiene	10.728	225	24036	10.541	ng/ul	97
34) Caprolactam	11.386	113	10597m	6.689	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	35458	7.516	ng/ul	96
36) 2-Methylnaphthalene	12.081	142	87520	8.810	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	88277	9.008	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.457	216	44359	9.420	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	22174	7.094	ng/ul	91
41) 2,4,6-Trichlorophenol	12.710	196	27901	8.452	ng/ul	98
42) 2,4,5-Trichlorophenol	12.786	196	32048	9.059	ng/ul	95
43) 1,1'-Biphenyl	13.110	154	114058	8.678	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	94262	9.139	ng/ul	100
45) 2-Nitroaniline	13.380	65	22965	7.092	ng/ul	96
47) Dimethylphthalate	13.757	163	114283	8.650	ng/ul#	96
48) 2,6-Dinitrotoluene	13.886	165	20967	7.945	ng/ul#	90
50) Acenaphthylene	14.004	152	151284	8.741	ng/ul	97
51) 3-Nitroaniline	14.222	138	21022	7.375	ng/ul	92
52) Acenaphthene	14.351	153	102005	8.965	ng/ul	98
53) 2,4-Dinitrophenol	14.439	184	8301	4.917	ng/ul	89
55) 4-Nitrophenol	14.533	109	13625	7.222	ng/ul	97
56) Dibenzofuran	14.692	168	139111	9.192	ng/ul	100
57) 2,4-Dinitrotoluene	14.680	165	30981	8.133	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	26118	8.921	ng/ul	91
59) Diethylphthalate	15.127	149	114196	8.328	ng/ul	99
61) Fluorene	15.339	166	114362	9.239	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.345	204	54317	9.455	ng/ul	98
63) 4-Nitroaniline	15.386	138	19869m	7.293	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.439	198	17013	6.906	ng/ul#	95
67) N-Nitrosodiphenylamine	15.563	169	92156	8.616	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	33708	9.489	ng/ul	95
69) Hexachlorobenzene	16.339	284	43677	10.795	ng/ul	97
70) Atrazine	16.527	200	30767	8.802	ng/ul	98
71) Pentachlorophenol	16.698	266	20177	7.552	ng/ul	100
72) Phenanthrene	17.086	178	183314	9.099	ng/ul	99
74) Anthracene	17.180	178	183774	9.020	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	44186	9.315	ng/uL	97
76) Pentachlorobenzene	14.598	250	47625	10.385	ng/uL	98
77) Carbazole	17.463	167	167983	8.774	ng/ul	99
78) Di-n-butylphthalate	18.033	149	184028	7.146	ng/ul	100
80) Fluoranthene	19.115	202	207287	7.539	ng/ul	98
82) Pyrene	19.480	202	227598	7.951	ng/ul	99
83) Butylbenzylphthalate	20.404	149	84426	5.998	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	72747	8.934	ng/ul	99
85) Benzo(a)anthracene	21.239	228	240683	8.515	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.186	149	125990	6.139	ng/ul	99
87) Chrysene	21.292	228	228522	8.732	ng/ul	98
89) Di-n-octyl phthalate	22.068	149	218750	5.179	ng/ul	100
90) Benzo(b)fluoranthene	22.809	252	257927	8.167	ng/ul	99
91) Benzo(k)fluoranthene	22.856	252	254543	8.230	ng/ul	98
93) Benzo(a)pyrene	23.380	252	247563	8.380	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.715	276	326049	9.840	ng/ul	99
95) Dibenzo(a,h)anthracene	25.733	278	268420	9.716	ng/ul	99
96) Benzo(g,h,i)perylene	26.397	276	259752	9.824	ng/ul	99

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

