

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030824\
 Data File : BM044557.D
 Acq On : 08 Mar 2024 08:55
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020068

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 09:58:32 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 05 23:05:11 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	280023	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.504	136	1260253	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.363	164	788578	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1607347	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1409134	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1384777	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	56918	6.894	ng/uL	-0.01
4) Pyridine-d5	3.669	84	415654	17.105	ng/ul	-0.01
7) Phenol-d5	6.892	99	517026	17.959	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	337589	18.984	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	391826	18.520	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	407850	18.039	ng/ul	-0.02
21) Nitrobenzene-d5	8.880	128	204705	19.290	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	221990	19.404	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	393600	20.215	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.645	131	609879	18.860	ng/ul	-0.02
46) Dimethylphthalate-d6	13.786	166	1168612	18.892	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1345470	19.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	234669	18.293	ng/ul	0.00
60) Fluorene-d10	15.362	176	988197	19.010	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	191884	18.391	ng/ul	0.00
73) Anthracene-d10	17.215	188	1501948	19.549	ng/ul	0.00
81) Pyrene-d10	19.515	212	1695930	19.623	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	1400168	19.237	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	60093	7.031	ng/uL	93
5) Pyridine	3.687	79	441192	17.505	ng/ul	94
6) Benzaldehyde	6.881	77	291196	23.222	ng/ul	97
8) Phenol	6.916	94	531617	18.093	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.163	93	442313	18.333	ng/ul	98
12) 2-Chlorophenol	7.286	128	409389	18.761	ng/ul	99
13) 2-Methylphenol	8.157	108	403475	18.096	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.239	45	631312	19.814	ng/ul	98
16) Acetophenone	8.545	105	669624	19.096	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.533	70	354621	19.574	ng/ul	98
18) 4-Methylphenol	8.486	108	443919	18.290	ng/ul	96
19) Hexachloroethane	8.781	117	167096	18.694	ng/ul	94
22) Nitrobenzene	8.922	77	497217	19.757	ng/ul	98
23) Isophorone	9.445	82	990841	19.298	ng/ul	99
25) 2-Nitrophenol	9.628	139	240200	19.259	ng/ul	100
26) 2,4-Dimethylphenol	9.680	107	436603	19.239	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.927	93	620619	19.219	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	390857	20.108	ng/ul	98
30) Naphthalene	10.551	128	1393078	19.517	ng/ul	99
32) 4-Chloroaniline	10.669	127	594639	19.075	ng/ul	99
33) Hexachlorobutadiene	10.822	225	223458	20.510	ng/ul	99
34) Caprolactam	11.457	113	129977	17.170	ng/ul	98
35) 4-Chloro-3-methylphenol	11.792	107	440657	19.549	ng/ul	99
36) 2-Methylnaphthalene	12.169	142	941760	19.841	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	930933	19.882	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.533	216	444429	19.810	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	316929	21.281	ng/ul	100
41) 2,4,6-Trichlorophenol	12.786	196	299408	19.037	ng/ul	98
42) 2,4,5-Trichlorophenol	12.857	196	326415	19.366	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	1215048	19.404	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	941146	19.152	ng/ul	99
45) 2-Nitroaniline	13.451	65	296911	19.246	ng/ul	98
47) Dimethylphthalate	13.833	163	1175905	18.681	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	234321	18.637	ng/ul	99
50) Acenaphthylene	14.086	152	1586922	19.246	ng/ul	100
51) 3-Nitroaniline	14.286	138	257679	18.974	ng/ul	98
52) Acenaphthene	14.427	153	1045354	19.285	ng/ul	100
53) 2,4-Dinitrophenol	14.492	184	144921	18.019	ng/ul	96
55) 4-Nitrophenol	14.586	109	164705	18.325	ng/ul	95
56) Dibenzofuran	14.762	168	1390190	19.280	ng/ul	100
57) 2,4-Dinitrotoluene	14.745	165	339100	18.684	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.992	232	270702	19.408	ng/ul	99
59) Diethylphthalate	15.204	149	1206144	18.463	ng/ul	99
61) Fluorene	15.415	166	1152284	19.540	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	543251	19.849	ng/ul	96
63) 4-Nitroaniline	15.451	138	253296m	19.515	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	206725	18.541	ng/ul	96
67) N-Nitrosodiphenylamine	15.633	169	957657	19.782	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	324045	20.156	ng/ul	96
69) Hexachlorobenzene	16.409	284	379034	20.699	ng/ul	97
70) Atrazine	16.598	200	313000	19.786	ng/ul	98
71) Pentachlorophenol	16.762	266	234626	19.404	ng/ul	97
72) Phenanthrene	17.162	178	1780012	19.522	ng/ul	100
74) Anthracene	17.251	178	1822510	19.764	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	434340	20.231	ng/ul	99
76) Pentachlorobenzene	14.674	250	433885	20.904	ng/ul	99
77) Carbazole	17.527	167	1685184	19.447	ng/ul	100
78) Di-n-butylphthalate	18.103	149	2108799	18.093	ng/ul	100
80) Fluoranthene	19.180	202	2026627	19.690	ng/ul	98
82) Pyrene	19.545	202	2114720	19.735	ng/ul	98
83) Butylbenzylphthalate	20.462	149	912361	17.316	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	605980	19.880	ng/ul	98
85) Benzo(a)anthracene	21.297	228	1968082	18.598	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.244	149	1422025	18.510	ng/ul	100
87) Chrysene	21.350	228	1837207	18.753	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2325492	18.765	ng/ul	100
90) Benzo(b)fluoranthene	22.891	252	1746149	18.845	ng/ul	100
91) Benzo(k)fluoranthene	22.933	252	1829545	20.160	ng/ul	99
93) Benzo(a)pyrene	23.468	252	1640962	18.932	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.844	276	1743936	17.938	ng/ul	98
95) Dibenzo(a,h)anthracene	25.862	278	1484653	18.315	ng/ul	99
96) Benzo(g,h,i)perylene	26.538	276	1362650	17.564	ng/ul	98

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

