

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053124\
 Data File : BM045791.D
 Acq On : 31 May 2024 10:25
 Operator : MA/JU
 Sample : SSTD02014
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020036

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: May 31 11:13:37 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	224754	20.000	ng/u1	0.00
20) Naphthalene-d8	10.234	136	951354	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	577583	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.857	188	1080150	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	828447	20.000	ng/u1	0.00
88) Perylene-d12	23.791	264	872879	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	51605	9.091	ng/uL	0.00
4) Pyridine-d5	3.469	84	323700	21.929	ng/u1	0.00
7) Phenol-d5	6.722	99	428610	22.311	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	317966	22.796	ng/u1	0.00
11) 2-Chlorophenol-d4	7.034	132	331639	23.100	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	325913	22.457	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	163963	22.057	ng/u1	0.00
24) 2-Nitrophenol-d4	9.345	143	173000	22.937	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	319368	22.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	426831	21.830	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	884326	22.358	ng/u1	0.00
49) Acenaphthylene-d8	13.804	160	1037926	22.283	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	181650	21.581	ng/u1	0.00
60) Fluorene-d10	15.110	176	754412	22.339	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	109552	19.912	ng/u1	0.00
73) Anthracene-d10	16.957	188	1056383	22.373	ng/u1	0.00
81) Pyrene-d10	19.256	212	1138712	21.934	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	915450	22.592	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.087	88	57406	8.928	ng/uL	100
5) Pyridine	3.481	79	325591	21.290	ng/u1	100
6) Benzaldehyde	6.640	77	127359	13.553	ng/u1	100
8) Phenol	6.751	94	454016	22.766	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.928	93	381822	22.730	ng/u1	100
12) 2-Chlorophenol	7.063	128	344678	22.855	ng/u1	100
13) 2-Methylphenol	7.969	108	325011	22.175	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.010	45	757168	23.026	ng/u1	100
16) Acetophenone	8.304	105	568625	23.618	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.292	70	307746	22.806	ng/u1	100
18) 4-Methylphenol	8.298	108	353383	23.363	ng/u1	100
19) Hexachloroethane	8.534	117	163702	22.812	ng/u1	100
22) Nitrobenzene	8.675	77	475555	22.405	ng/u1	100
23) Isophorone	9.204	82	835288	22.329	ng/u1	100
25) 2-Nitrophenol	9.375	139	185774	22.568	ng/u1	100
26) 2,4-Dimethylphenol	9.475	107	383991	22.999	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.687	93	504431	22.325	ng/u1	100
29) 2,4-Dichlorophenol	9.916	162	322697	22.916	ng/u1	100
30) Naphthalene	10.286	128	1141674	22.361	ng/u1	100
32) 4-Chloroaniline	10.439	127	423379	22.245	ng/u1	100
33) Hexachlorobutadiene	10.581	225	215176	22.775	ng/u1	100
34) Caprolactam	11.281	113	80996m	21.112	ng/u1	100
35) 4-Chloro-3-methylphenol	11.592	107	344427	22.677	ng/u1	100
36) 2-Methylnaphthalene	11.904	142	750284	22.459	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.128	142	755614	22.621	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.275	216	388162	22.341	ng/ul	100
40) Hexachlorocyclopentadiene	12.269	237	219253	20.629	ng/ul	100
41) 2,4,6-Trichlorophenol	12.551	196	225528	22.210	ng/ul	100
42) 2,4,5-Trichlorophenol	12.633	196	242001	22.159	ng/ul	100
43) 1,1'-Biphenyl	12.945	154	960716	22.192	ng/ul	100
44) 2-Chloronaphthalene	12.975	162	748117	22.215	ng/ul	100
45) 2-Nitroaniline	13.222	65	256085	22.135	ng/ul	100
47) Dimethylphthalate	13.610	163	893601	22.254	ng/ul	100
48) 2,6-Dinitrotoluene	13.716	165	171856	22.482	ng/ul	100
50) Acenaphthylene	13.833	152	1201458	22.205	ng/ul	100
51) 3-Nitroaniline	14.063	138	127752	17.928	ng/ul	100
52) Acenaphthene	14.174	153	799772	22.190	ng/ul	100
53) 2,4-Dinitrophenol	14.251	184	51694	16.354	ng/ul	100
55) 4-Nitrophenol	14.422	109	151918	22.133	ng/ul	100
56) Dibenzofuran	14.516	168	1076985	22.407	ng/ul	100
57) 2,4-Dinitrotoluene	14.504	165	241187	22.672	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.763	232	186825	22.828	ng/ul	100
59) Diethylphthalate	14.980	149	904448	22.494	ng/ul	100
61) Fluorene	15.163	166	873336	22.364	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.174	204	431782	22.433	ng/ul	100
63) 4-Nitroaniline	15.239	138	97017	16.546	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.263	198	126500	21.143	ng/ul	100
67) N-Nitrosodiphenylamine	15.392	169	694456	22.499	ng/ul	100
68) 4-Bromophenyl-phenylether	16.063	248	252891	22.438	ng/ul	100
69) Hexachlorobenzene	16.163	284	281470	22.384	ng/ul	100
70) Atrazine	16.368	200	192548	20.924	ng/ul	100
71) Pentachlorophenol	16.533	266	120414	19.506	ng/ul	100
72) Phenanthrene	16.898	178	1271472	22.260	ng/ul	100
74) Anthracene	16.992	178	1289572	22.588	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.898	216	373773	22.019	ng/uL	100
76) Pentachlorobenzene	14.433	250	354757	22.417	ng/uL	100
77) Carbazole	17.280	167	1094720	22.610	ng/ul	100
78) Di-n-butylphthalate	17.851	149	1444045	22.582	ng/ul	100
80) Fluoranthene	18.921	202	1379889	21.902	ng/ul	100
82) Pyrene	19.286	202	1430604	22.067	ng/ul	100
83) Butylbenzylphthalate	20.215	149	576767	21.771	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.003	252	336952	20.708	ng/ul	100
85) Benzo(a)anthracene	21.050	228	1262000	22.111	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.009	149	870102	22.153	ng/ul	100
87) Chrysene	21.109	228	1168550	22.273	ng/ul	100
89) Di-n-octyl phthalate	22.039	149	1413811	21.153	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1189599	22.291	ng/ul	100
91) Benzo(k)fluoranthene	22.997	252	1151097	22.090	ng/ul	100
93) Benzo(a)pyrene	23.662	252	1048156	22.328	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.791	276	1127231	22.540	ng/ul	100
95) Dibenzo(a,h)anthracene	26.838	278	896575	23.019	ng/ul	100
96) Benzo(g,h,i)perylene	27.727	276	996205	22.529	ng/ul	100

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

