

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046016.D
 Acq On : 13 Jun 2024 04:30
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020119

Quant Time: Jun 13 05:35:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	158064	20.000	ng/u1	0.00
20) Naphthalene-d8	10.192	136	676535	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.075	164	439285	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	928302	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	778966	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	769562	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	26706	6.551	ng/uL	0.00
4) Pyridine-d5	3.440	84	212842	20.276	ng/u1	-0.01
7) Phenol-d5	6.687	99	280978	20.925	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.799	67	197301	20.462	ng/u1	0.00
11) 2-Chlorophenol-d4	6.993	132	208924	20.829	ng/u1	0.00
15) 4-Methylphenol-d8	8.198	113	213563	21.051	ng/u1	-0.01
21) Nitrobenzene-d5	8.593	128	108426	20.498	ng/u1	0.00
24) 2-Nitrophenol-d4	9.304	143	119527	22.327	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.851	165	219288	21.844	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.381	131	295775	21.288	ng/u1	0.00
46) Dimethylphthalate-d6	13.522	166	612922	20.154	ng/u1	-0.01
49) Acenaphthylene-d8	13.763	160	722369	20.455	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.380	143	153931	23.453	ng/u1	0.00
60) Fluorene-d10	15.074	176	537835	20.730	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.222	200	95148	20.072	ng/u1	0.00
73) Anthracene-d10	16.921	188	827199	20.498	ng/u1	0.00
81) Pyrene-d10	19.227	212	937378	19.350	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	746076	20.743	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.063	88	31696	7.024	ng/uL#	89
5) Pyridine	3.458	79	219768	20.385	ng/u1	93
6) Benzaldehyde	6.604	77	155530	24.626	ng/u1	92
8) Phenol	6.716	94	291884	20.960	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.887	93	225830	19.428	ng/u1	94
12) 2-Chlorophenol	7.028	128	220269	20.845	ng/u1	97
13) 2-Methylphenol	7.928	108	214509	21.036	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.969	45	503401	21.988	ng/u1	99
16) Acetophenone	8.269	105	362868	21.462	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.257	70	207765	22.238	ng/u1	90
18) 4-Methylphenol	8.263	108	234665	22.240	ng/u1	96
19) Hexachloroethane	8.493	117	98243	19.357	ng/u1	99
22) Nitrobenzene	8.634	77	316533	21.382	ng/u1	96
23) Isophorone	9.163	82	557441	21.311	ng/u1	98
25) 2-Nitrophenol	9.334	139	126416	21.602	ng/u1	97
26) 2,4-Dimethylphenol	9.440	107	255654	21.534	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.645	93	304592	19.180	ng/u1	99
29) 2,4-Dichlorophenol	9.881	162	214080	21.404	ng/u1	98
30) Naphthalene	10.245	128	727123	20.155	ng/u1	98
32) 4-Chloroaniline	10.404	127	285981	21.057	ng/u1	97
33) Hexachlorobutadiene	10.534	225	136151	19.871	ng/u1	99
34) Caprolactam	11.222	113	70981m	25.197	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	246069	22.677	ng/u1	97
36) 2-Methylnaphthalene	11.863	142	481324	20.145	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.092	142	488952	20.469	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.245	216	258589	19.655	ng/ul	98
40) Hexachlorocyclopentadiene	12.228	237	120268	15.062	ng/ul	98
41) 2,4,6-Trichlorophenol	12.516	196	168472	22.010	ng/ul	99
42) 2,4,5-Trichlorophenol	12.598	196	184282	22.186	ng/ul	99
43) 1,1'-Biphenyl	12.904	154	629893	19.327	ng/ul	98
44) 2-Chloronaphthalene	12.939	162	499943	19.575	ng/ul	99
45) 2-Nitroaniline	13.186	65	213571	24.489	ng/ul	93
47) Dimethylphthalate	13.575	163	619513	20.062	ng/ul	99
48) 2,6-Dinitrotoluene	13.680	165	128573	21.643	ng/ul	90
50) Acenaphthylene	13.798	152	841278	20.583	ng/ul	99
51) 3-Nitroaniline	14.027	138	136803	25.079	ng/ul	100
52) Acenaphthene	14.139	153	555885	20.381	ng/ul	100
53) 2,4-Dinitrophenol	14.222	184	59328	21.934	ng/ul	88
55) 4-Nitrophenol	14.392	109	140747	25.992	ng/ul	95
56) Dibenzofuran	14.480	168	758301	20.617	ng/ul	99
57) 2,4-Dinitrotoluene	14.475	165	196253	23.879	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	14.733	232	157453	25.088	ng/ul	97
59) Diethylphthalate	14.939	149	644192	20.834	ng/ul	99
61) Fluorene	15.133	166	635600	21.447	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.139	204	302016	20.532	ng/ul	99
63) 4-Nitroaniline	15.210	138	139622	30.824	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.239	198	102474	19.696	ng/ul	93
67) N-Nitrosodiphenylamine	15.357	169	514642	19.563	ng/ul	99
68) 4-Bromophenyl-phenylether	16.027	248	184838	19.098	ng/ul	98
69) Hexachlorobenzene	16.133	284	205864	19.234	ng/ul	99
70) Atrazine	16.333	200	151525	19.002	ng/ul	97
71) Pentachlorophenol	16.504	266	128233	23.612	ng/ul	99
72) Phenanthrene	16.868	178	988321	20.206	ng/ul	99
74) Anthracene	16.957	178	1001455	20.498	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.863	216	257278	17.870	ng/uL	97
76) Pentachlorobenzene	14.398	250	251422	18.671	ng/uL	99
77) Carbazole	17.251	167	914809	21.944	ng/ul	98
78) Di-n-butylphthalate	17.815	149	1098509	20.037	ng/ul	99
80) Fluoranthene	18.892	202	1141775	19.442	ng/ul	98
82) Pyrene	19.251	202	1188397	19.696	ng/ul	99
83) Butylbenzylphthalate	20.180	149	508602	20.683	ng/ul	91
84) 3,3'-Dichlorobenzidine	20.968	252	294647	19.150	ng/ul	99
85) Benzo(a)anthracene	21.021	228	1074588	19.979	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	727759	19.919	ng/ul	99
87) Chrysene	21.080	228	993888	19.975	ng/ul	99
89) Di-n-octyl phthalate	21.992	149	1244420	21.144	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	929742	19.659	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	950281	20.572	ng/ul	99
93) Benzo(a)pyrene	23.615	252	872622	20.998	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.721	276	1007953	22.210	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	828185	23.072	ng/ul	100
96) Benzo(g,h,i)perylene	27.650	276	820022	20.515	ng/ul	98

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

