

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
 Data File : BM045990.D
 Acq On : 12 Jun 2024 00:54
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020117

Quant Time: Jun 12 01:30:14 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 06/12/2024
 Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	140693	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	628677	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	428022	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	935087	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	953248	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	1011805	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	23245	6.406	ng/uL	0.00
4) Pyridine-d5	3.446	84	168391	18.022	ng/u1	0.00
7) Phenol-d5	6.693	99	240893	20.155	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	171370	19.967	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	175876	19.699	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	189310	20.965	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	95350	19.398	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	101289	20.360	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.857	165	192062	20.588	ng/u1	0.00
31) 4-Chloroaniline-d4	10.381	131	269622	20.883	ng/u1	0.00
46) Dimethylphthalate-d6	13.527	166	587316	19.820	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	683659	19.868	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	146043	22.837	ng/u1	0.00
60) Fluorene-d10	15.080	176	523559	20.711	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	89580	18.760	ng/u1	0.00
73) Anthracene-d10	16.927	188	812689	19.992	ng/u1	0.00
81) Pyrene-d10	19.227	212	992795	16.747	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	947495	20.036	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.069	88	26859	6.687	ng/uL	93
5) Pyridine	3.463	79	193108	20.124	ng/u1	94
6) Benzaldehyde	6.610	77	129031	22.952	ng/u1	91
8) Phenol	6.716	94	249708	20.145	ng/u1	92
10) Bis(2-Chloroethyl)ether	6.893	93	199059	19.239	ng/u1	94
12) 2-Chlorophenol	7.028	128	185887	19.763	ng/u1	97
13) 2-Methylphenol	7.934	108	185387	20.424	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.975	45	446168	21.894	ng/u1	99
16) Acetophenone	8.275	105	325624	21.637	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.263	70	187661	22.566	ng/u1	89
18) 4-Methylphenol	8.263	108	210052	22.365	ng/u1	99
19) Hexachloroethane	8.498	117	88504	19.591	ng/u1	92
22) Nitrobenzene	8.639	77	284784	20.702	ng/u1	96
23) Isophorone	9.169	82	509708	20.969	ng/u1	100
25) 2-Nitrophenol	9.339	139	107855	19.833	ng/u1	90
26) 2,4-Dimethylphenol	9.439	107	228449	20.708	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.651	93	281880	19.101	ng/u1	100
29) 2,4-Dichlorophenol	9.886	162	191908	20.648	ng/u1	99
30) Naphthalene	10.245	128	655372	19.549	ng/u1	99
32) 4-Chloroaniline	10.404	127	262083	20.766	ng/u1	98
33) Hexachlorobutadiene	10.539	225	119508	18.770	ng/u1	96
34) Caprolactam	11.228	113	63363m	24.205	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	224851	22.299	ng/u1	94
36) 2-Methylnaphthalene	11.869	142	447064	20.136	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.092	142	452872	20.402	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.245	216	235890	18.402	ng/ul	97
40) Hexachlorocyclopentadiene	12.233	237	113830	14.631	ng/ul	97
41) 2,4,6-Trichlorophenol	12.516	196	154005	20.649	ng/ul	98
42) 2,4,5-Trichlorophenol	12.604	196	171516	21.192	ng/ul	98
43) 1,1'-Biphenyl	12.910	154	590336	18.590	ng/ul	98
44) 2-Chloronaphthalene	12.939	162	469072	18.849	ng/ul	99
45) 2-Nitroaniline	13.192	65	194610	22.902	ng/ul	95
47) Dimethylphthalate	13.574	163	601832	20.002	ng/ul	98
48) 2,6-Dinitrotoluene	13.680	165	121935	21.066	ng/ul	91
50) Acenaphthylene	13.798	152	793953	19.936	ng/ul	99
51) 3-Nitroaniline	14.033	138	125492	23.611	ng/ul	99
52) Acenaphthene	14.145	153	527626	19.854	ng/ul	99
53) 2,4-Dinitrophenol	14.227	184	51149	19.408	ng/ul	95
55) 4-Nitrophenol	14.392	109	135214	25.628	ng/ul	97
56) Dibenzofuran	14.486	168	727656	20.304	ng/ul	98
57) 2,4-Dinitrotoluene	14.480	165	186969	23.348	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	14.733	232	148605	24.301	ng/ul	97
59) Diethylphthalate	14.945	149	631794	20.970	ng/ul	100
61) Fluorene	15.133	166	615165	21.304	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.139	204	292704	20.422	ng/ul	97
63) 4-Nitroaniline	15.210	138	124115	28.122	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.239	198	98110	18.721	ng/ul	96
67) N-Nitrosodiphenylamine	15.363	169	495983	18.717	ng/ul	98
68) 4-Bromophenyl-phenylether	16.033	248	176905	18.145	ng/ul	97
69) Hexachlorobenzene	16.133	284	203437	18.869	ng/ul	97
70) Atrazine	16.333	200	147577	18.373	ng/ul	98
71) Pentachlorophenol	16.504	266	123545	22.583	ng/ul	98
72) Phenanthrene	16.868	178	981342	19.917	ng/ul	100
74) Anthracene	16.962	178	1009722	20.517	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.869	216	240473	16.582	ng/uL	98
76) Pentachlorobenzene	14.398	250	240630	17.740	ng/uL	99
77) Carbazole	17.251	167	914544	21.779	ng/ul	99
78) Di-n-butylphthalate	17.821	149	1096008	19.847	ng/ul	99
80) Fluoranthene	18.892	202	1193280	16.604	ng/ul	99
82) Pyrene	19.256	202	1262206	17.094	ng/ul	99
83) Butylbenzylphthalate	20.186	149	519228	17.254	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.974	252	351918	18.690	ng/ul	99
85) Benzo(a)anthracene	21.021	228	1281016	19.463	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	790737	17.686	ng/ul	99
87) Chrysene	21.080	228	1181526	19.405	ng/ul	100
89) Di-n-octyl phthalate	21.997	149	1353444	17.491	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1212412	19.498	ng/ul	100
91) Benzo(k)fluoranthene	22.956	252	1208452	19.898	ng/ul	99
93) Benzo(a)pyrene	23.615	252	1107096	20.262	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.721	276	1194898	20.025	ng/ul	100
95) Dibenzo(a,h)anthracene	26.774	278	992250	21.025	ng/ul	100
96) Benzo(g,h,i)perylene	27.656	276	953143	18.136	ng/ul	98

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

