

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
 Data File : BM044502.D
 Acq On : 05 Mar 2024 15:16
 Operator : MA/JU
 Sample : SSTD02002
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020022

Quant Time: Mar 05 15:56:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 15:51:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2024
 Supervised By :mohammad ahmed 03/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	270713	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1244628	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.368	164	775776	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1596258	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1467504	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	1604403	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	59389	7.051	ng/uL	0.00
4) Pyridine-d5	3.681	84	436784	18.671	ng/u1	0.00
7) Phenol-d5	6.904	99	509723	19.418	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	327141	19.379	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	391764	19.965	ng/u1	0.00
15) 4-Methylphenol-d8	8.439	113	398943	19.905	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	201533	19.852	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	217608	20.747	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	376319	20.474	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	606617	19.556	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	1156190	19.315	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1335683	19.427	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	228684	18.861	ng/u1	0.00
60) Fluorene-d10	15.368	176	969004	19.217	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	189524	18.815	ng/u1	0.00
73) Anthracene-d10	17.221	188	1483057	19.499	ng/u1	0.00
81) Pyrene-d10	19.515	212	1717235	19.458	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	1625063	19.745	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	63448	7.152	ng/uL	100
5) Pyridine	3.704	79	454720	18.626	ng/u1	100
6) Benzaldehyde	6.892	77	283467	24.960	ng/u1	100
8) Phenol	6.934	94	519450	19.133	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.175	93	437833	19.287	ng/u1	100
12) 2-Chlorophenol	7.298	128	407656	20.056	ng/u1	100
13) 2-Methylphenol	8.175	108	397282	19.712	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.257	45	583186	18.918	ng/u1	100
16) Acetophenone	8.557	105	665212	20.772	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.545	70	341669	21.297	ng/u1	100
18) 4-Methylphenol	8.498	108	432911	20.053	ng/u1	100
19) Hexachloroethane	8.792	117	166441	19.412	ng/u1	100
22) Nitrobenzene	8.939	77	476050	19.487	ng/u1	100
23) Isophorone	9.457	82	984083	20.475	ng/u1	100
25) 2-Nitrophenol	9.639	139	238812	20.571	ng/u1	100
26) 2,4-Dimethylphenol	9.698	107	427290	19.525	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.945	93	613431	19.776	ng/u1	100
29) 2,4-Dichlorophenol	10.163	162	372498	20.053	ng/u1	100
30) Naphthalene	10.563	128	1358905	19.265	ng/u1	100
32) 4-Chloroaniline	10.686	127	589677	19.555	ng/u1	100
33) Hexachlorobutadiene	10.833	225	210048	19.028	ng/u1	100
34) Caprolactam	11.463	113	138639	20.802	ng/u1	100
35) 4-Chloro-3-methylphenol	11.804	107	433153	21.466	ng/u1	100
36) 2-Methylnaphthalene	12.180	142	909924	20.050	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	894917	19.938	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	416475	18.355	ng/ul	100
40) Hexachlorocyclopentadiene	12.516	237	296923	19.133	ng/ul	100
41) 2,4,6-Trichlorophenol	12.792	196	293223	19.934	ng/ul	100
42) 2,4,5-Trichlorophenol	12.863	196	310820	19.589	ng/ul	100
43) 1,1'-Biphenyl	13.204	154	1163820	18.611	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	921931	18.815	ng/ul	100
45) 2-Nitroaniline	13.457	65	284175	20.549	ng/ul	100
47) Dimethylphthalate	13.839	163	1179806	19.307	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	231624	20.057	ng/ul	100
50) Acenaphthylene	14.092	152	1553849	19.174	ng/ul	100
51) 3-Nitroaniline	14.292	138	252828	20.540	ng/ul	100
52) Acenaphthene	14.433	153	1014916	18.966	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	139390	18.885	ng/ul	100
55) 4-Nitrophenol	14.598	109	159109	19.133	ng/ul	100
56) Dibenzofuran	14.774	168	1358261	18.953	ng/ul	100
57) 2,4-Dinitrotoluene	14.751	165	344250	20.735	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.998	232	257736	20.120	ng/ul	100
59) Diethylphthalate	15.210	149	1217042	19.349	ng/ul	100
61) Fluorene	15.421	166	1117415	19.361	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	523335	19.260	ng/ul	100
63) 4-Nitroaniline	15.457	138	259818m	21.953	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.510	198	207002	18.894	ng/ul	100
67) N-Nitrosodiphenylamine	15.639	169	936689	19.434	ng/ul	100
68) 4-Bromophenyl-phenylether	16.315	248	307145	19.367	ng/ul	100
69) Hexachlorobenzene	16.415	284	349496	19.270	ng/ul	100
70) Atrazine	16.598	200	314728	19.772	ng/ul	100
71) Pentachlorophenol	16.768	266	221669	18.398	ng/ul	100
72) Phenanthrene	17.162	178	1757122	19.245	ng/ul	100
74) Anthracene	17.257	178	1788663	19.463	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	409557	18.529	ng/ul	100
76) Pentachlorobenzene	14.680	250	398278	18.822	ng/ul	100
77) Carbazole	17.533	167	1699699	19.540	ng/ul	100
78) Di-n-butylphthalate	18.104	149	2233239	20.223	ng/ul	100
80) Fluoranthene	19.180	202	2024399	19.178	ng/ul	100
82) Pyrene	19.545	202	2114841	19.141	ng/ul	100
83) Butylbenzylphthalate	20.462	149	1015746	20.146	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.233	252	674081	20.475	ng/ul	100
85) Benzo(a)anthracene	21.292	228	2153463	19.668	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1559762	20.358	ng/ul	100
87) Chrysene	21.344	228	1987454	19.323	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2666682	19.193	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	2033058	19.690	ng/ul	100
91) Benzo(k)fluoranthene	22.927	252	2119700	20.046	ng/ul	100
93) Benzo(a)pyrene	23.462	252	1946428	19.659	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.838	276	2243146	18.875	ng/ul	100
95) Dibenzo(a,h)anthracene	25.856	278	1877691	18.941	ng/ul	100
96) Benzo(g,h,i)perylene	26.532	276	1791423	18.665	ng/ul	100

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

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