

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044470.D
 Acq On : 01 Mar 2024 10:56
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020059

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/02/2024
 Supervised By :mohammad ahmed 03/02/2024

Quant Time: Mar 01 12:34:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 01 12:33:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	242465	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	1041513	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	616178	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	1220535	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1015568	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1085241	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	54797	7.131	ng/uL	0.00
4) Pyridine-d5	3.822	84	370643	17.660	ng/u1	0.00
7) Phenol-d5	7.181	99	431757	18.588	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	271608	18.058	ng/u1	0.00
11) 2-Chlorophenol-d4	7.545	132	338311	19.339	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	328910	18.715	ng/u1	0.00
21) Nitrobenzene-d5	9.198	128	162829	19.228	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	171861	19.892	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	304821	20.001	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	476308	18.608	ng/u1	0.00
46) Dimethylphthalate-d6	14.080	166	870478	18.317	ng/u1	0.00
49) Acenaphthylene-d8	14.351	160	1038332	18.990	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	150382	15.903	ng/u1	0.00
60) Fluorene-d10	15.645	176	755514	18.783	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	124792	16.478	ng/u1	0.00
73) Anthracene-d10	17.498	188	1148651	19.737	ng/u1	0.00
81) Pyrene-d10	19.786	212	1227325	20.088	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	1071912	19.276	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.428	88	58113	7.174	ng/uL	97
5) Pyridine	3.840	79	401746	18.297	ng/u1	98
6) Benzaldehyde	7.163	77	237492m	23.555	ng/u1	
8) Phenol	7.210	94	448184	18.563	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.457	93	368748	18.247	ng/u1	99
12) 2-Chlorophenol	7.575	128	352471	19.475	ng/u1	98
13) 2-Methylphenol	8.469	108	331087	18.613	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.557	45	501865	18.163	ng/u1	97
16) Acetophenone	8.857	105	537984	19.160	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.845	70	277223	19.709	ng/u1	99
18) 4-Methylphenol	8.804	108	358483	18.919	ng/u1	98
19) Hexachloroethane	9.092	117	142934	18.616	ng/u1	97
22) Nitrobenzene	9.240	77	396158	19.344	ng/u1	97
23) Isophorone	9.769	82	758190	19.102	ng/u1	100
25) 2-Nitrophenol	9.951	139	190777	19.909	ng/u1	97
26) 2,4-Dimethylphenol	10.010	107	348532	19.049	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.263	93	492646	19.092	ng/u1	99
29) 2,4-Dichlorophenol	10.481	162	308284	19.987	ng/u1	97
30) Naphthalene	10.886	128	1136113	19.180	ng/u1	100
32) 4-Chloroaniline	11.010	127	474041	19.005	ng/u1	99
33) Hexachlorobutadiene	11.157	225	180192	19.391	ng/u1	97
34) Caprolactam	11.792	113	93385m	17.515	ng/u1	
35) 4-Chloro-3-methylphenol	12.128	107	332229	20.217	ng/u1	97
36) 2-Methylnaphthalene	12.492	142	729845	19.344	ng/u1	99

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37) 1-Methylnaphthalene	12.710	142	721001	19.331	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	346037	18.971	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	221440	18.044	ng/ul	98
41) 2,4,6-Trichlorophenol	13.098	196	226547	19.485	ng/ul	99
42) 2,4,5-Trichlorophenol	13.163	196	244990	19.492	ng/ul	99
43) 1,1'-Biphenyl	13.498	154	929161	18.522	ng/ul	99
44) 2-Chloronaphthalene	13.539	162	743325	18.924	ng/ul	99
45) 2-Nitroaniline	13.751	65	211617	19.459	ng/ul	99
47) Dimethylphthalate	14.127	163	886180	18.245	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	173318	19.081	ng/ul	99
50) Acenaphthylene	14.380	152	1224275	18.904	ng/ul	100
51) 3-Nitroaniline	14.574	138	179174	18.698	ng/ul	98
52) Acenaphthene	14.722	153	793211	18.553	ng/ul	100
53) 2,4-Dinitrophenol	14.780	184	85993	15.257	ng/ul	97
55) 4-Nitrophenol	14.874	109	107090	16.485	ng/ul	98
56) Dibenzofuran	15.051	168	1084276	18.892	ng/ul	100
57) 2,4-Dinitrotoluene	15.033	165	250854	19.224	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.274	232	199560	19.729	ng/ul	99
59) Diethylphthalate	15.486	149	926719	18.536	ng/ul	100
61) Fluorene	15.698	166	874615	18.973	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.704	204	425202	19.572	ng/ul	97
63) 4-Nitroaniline	15.733	138	180761m	19.503	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.786	198	137845	16.639	ng/ul	100
67) N-Nitrosodiphenylamine	15.916	169	730587	19.752	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	243385	20.070	ng/ul	96
69) Hexachlorobenzene	16.692	284	271901	19.590	ng/ul	99
70) Atrazine	16.874	200	229931	18.977	ng/ul	98
71) Pentachlorophenol	17.045	266	162880	17.807	ng/ul	99
72) Phenanthrene	17.439	178	1336872	19.093	ng/ul	100
74) Anthracene	17.533	178	1373763	19.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	336661	19.705	ng/ul	99
76) Pentachlorobenzene	14.963	250	317954	19.494	ng/ul	97
77) Carbazole	17.810	167	1246101	18.798	ng/ul	99
78) Di-n-butylphthalate	18.386	149	1651982	19.683	ng/ul	100
80) Fluoranthene	19.451	202	1472992	20.102	ng/ul	99
82) Pyrene	19.815	202	1542256	20.069	ng/ul	98
83) Butylbenzylphthalate	20.733	149	691941	20.047	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.509	252	418667	18.430	ng/ul	98
85) Benzo(a)anthracene	21.568	228	1457621	19.244	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.515	149	1101380	20.842	ng/ul	99
87) Chrysene	21.621	228	1363134	19.146	ng/ul	100
89) Di-n-octyl phthalate	22.468	149	1799984	19.358	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1347217	19.364	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	1404462	19.655	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1300169	19.383	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	1513742	18.661	ng/ul	98
95) Dibenzo(a,h)anthracene	26.656	278	1258784	18.570	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	1214138	18.504	ng/ul	97

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

