

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020224\
 Data File : BM043967.D
 Acq On : 02 Feb 2024 15:05
 Operator : MA/JU
 Sample : SST04090
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040009

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Feb 02 15:39:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 02 15:20:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	261876	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	1123790	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	654648	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1371236	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	1312795	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1469194	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	128049	18.667	ng/uL	0.00
4) Pyridine-d5	3.763	84	906069	43.995	ng/u1	0.00
7) Phenol-d5	7.081	99	1068452	41.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	664083	41.259	ng/u1	0.00
11) 2-Chlorophenol-d4	7.445	132	817987	43.707	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	817931	40.382	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	397850	43.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	410995	41.206	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	762366	42.157	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	1216168	41.837	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	2169158	41.362	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	2647486	44.118	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	457017	43.984	ng/u1	0.00
60) Fluorene-d10	15.557	176	1910299	42.996	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	342312	37.698	ng/u1	0.00
73) Anthracene-d10	17.415	188	2955938	43.845	ng/u1	0.00
81) Pyrene-d10	19.715	212	3353776	42.921	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	3390114	43.337	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	131609	18.492	ng/uL	97
5) Pyridine	3.787	79	927075	43.826	ng/u1	98
6) Benzaldehyde	7.063	77	477376	46.492	ng/u1	97
8) Phenol	7.110	94	1086792	41.616	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.351	93	878611	42.051	ng/u1	100
12) 2-Chlorophenol	7.475	128	853608	43.883	ng/u1	99
13) 2-Methylphenol	8.363	108	802421	40.594	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.451	45	1249117	36.593	ng/u1	99
16) Acetophenone	8.751	105	1331981	41.946	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.740	70	710005	41.262	ng/u1	99
18) 4-Methylphenol	8.692	108	868378	40.536	ng/u1	95
19) Hexachloroethane	8.992	117	359654	42.479	ng/u1	99
22) Nitrobenzene	9.128	77	1000225	44.026	ng/u1	98
23) Isophorone	9.657	82	1928112	41.985	ng/u1	99
25) 2-Nitrophenol	9.839	139	460900	43.126	ng/u1	99
26) 2,4-Dimethylphenol	9.898	107	901814	43.101	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.145	93	1176810	42.719	ng/u1	99
29) 2,4-Dichlorophenol	10.369	162	753336	41.792	ng/u1	98
30) Naphthalene	10.775	128	2703068	42.725	ng/u1	100
32) 4-Chloroaniline	10.892	127	1191834	42.145	ng/u1	99
33) Hexachlorobutadiene	11.045	225	454477	44.054	ng/u1	98
34) Caprolactam	11.669	113	260013m	40.800	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	835731	42.131	ng/u1	99
36) 2-Methylnaphthalene	12.386	142	1809064	41.341	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1782955	40.955	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.745	216	882045	46.172	ng/ul	100
40) Hexachlorocyclopentadiene	12.722	237	552687	42.644	ng/ul	99
41) 2,4,6-Trichlorophenol	12.992	196	586863	44.243	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	630794	44.756	ng/ul	99
43) 1,1'-Biphenyl	13.398	154	2301696	42.760	ng/ul	99
44) 2-Chloronaphthalene	13.439	162	1828835	43.887	ng/ul	99
45) 2-Nitroaniline	13.651	65	585882	45.275	ng/ul	100
47) Dimethylphthalate	14.033	163	2236801	42.320	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	441579	42.816	ng/ul	99
50) Acenaphthylene	14.286	152	3033917	43.284	ng/ul	100
51) 3-Nitroaniline	14.480	138	460850	41.713	ng/ul	97
52) Acenaphthene	14.627	153	1982691	42.697	ng/ul	99
53) 2,4-Dinitrophenol	14.680	184	225581	35.533	ng/ul	94
55) 4-Nitrophenol	14.780	109	361917	45.155	ng/ul	96
56) Dibenzofuran	14.963	168	2639723	42.170	ng/ul	98
57) 2,4-Dinitrotoluene	14.939	165	654180	43.133	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.186	232	526970	44.695	ng/ul	99
59) Diethylphthalate	15.404	149	2275995	40.539	ng/ul	99
61) Fluorene	15.616	166	2267260	42.487	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	1075477	42.564	ng/ul	100
63) 4-Nitroaniline	15.645	138	464168	51.010	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.692	198	383272	38.957	ng/ul	98
67) N-Nitrosodiphenylamine	15.827	169	1877973	43.267	ng/ul	100
68) 4-Bromophenyl-phenylether	16.510	248	627382	42.351	ng/ul	99
69) Hexachlorobenzene	16.610	284	726546	41.777	ng/ul	98
70) Atrazine	16.792	200	602755	38.692	ng/ul	99
71) Pentachlorophenol	16.957	266	450837	40.763	ng/ul	96
72) Phenanthrene	17.357	178	3465558	42.768	ng/ul	100
74) Anthracene	17.451	178	3585811	43.509	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	865896	46.004	ng/ul	98
76) Pentachlorobenzene	14.874	250	817608	42.927	ng/ul	99
77) Carbazole	17.727	167	3270966	42.735	ng/ul	100
78) Di-n-butylphthalate	18.304	149	3994794	39.141	ng/ul	99
80) Fluoranthene	19.380	202	4019323	42.394	ng/ul	100
82) Pyrene	19.745	202	4224725	42.907	ng/ul	97
83) Butylbenzylphthalate	20.662	149	1776230	39.192	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.439	252	1248207	41.791	ng/ul	100
85) Benzo(a)anthracene	21.498	228	4285210	44.198	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	2703598	37.574	ng/ul	99
87) Chrysene	21.556	228	3962755	45.193	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	4547905	35.890	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	4281561	43.178	ng/ul	99
91) Benzo(k)fluoranthene	23.244	252	4136608	42.181	ng/ul	100
93) Benzo(a)pyrene	23.821	252	4029241	44.060	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	4945814	46.822	ng/ul	98
95) Dibenzo(a,h)anthracene	26.462	278	4120511	46.972	ng/ul	98
96) Benzo(g,h,i)perylene	27.197	276	3933906	48.500	ng/ul	98

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

