

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047473.D
 Acq On : 11 Sep 2024 08:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020140

Quant Time: Sep 12 03:50:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:35:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	399708	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1857712	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1163376	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2322821	20.000	ng/u1	0.00
79) Chrysene-d12	21.462	240	2088754	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	2063556	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	78218	7.892	ng/uL	0.00
4) Pyridine-d5	3.710	84	604021	19.076	ng/u1	0.00
7) Phenol-d5	7.022	99	693540	18.511	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	456474	19.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	562204	19.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	566229	19.227	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	280288	19.537	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	268058	19.778	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	532427	19.320	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	845726	18.751	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1626495	19.021	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	1971819	19.110	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	315307	18.611	ng/u1	0.00
60) Fluorene-d10	15.492	176	1399683	18.943	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	209248	17.040	ng/u1	0.00
73) Anthracene-d10	17.333	188	2130260	19.045	ng/u1	0.00
81) Pyrene-d10	19.615	212	2338127	19.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	2128131	19.407	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	85170	7.962	ng/uL	98
5) Pyridine	3.734	79	627214	19.185	ng/u1	99
6) Benzaldehyde	7.004	77	470818m	23.741	ng/u1	
8) Phenol	7.045	94	729062	18.902	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.292	93	594642	19.496	ng/u1	99
12) 2-Chlorophenol	7.434	128	587674	19.885	ng/u1	100
13) 2-Methylphenol	8.304	108	543569	18.722	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.392	45	881412	19.719	ng/u1	100
16) Acetophenone	8.686	105	950419	20.054	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	515121	20.480	ng/u1	99
18) 4-Methylphenol	8.628	108	618420	19.508	ng/u1	98
19) Hexachloroethane	8.957	117	253344	19.950	ng/u1	96
22) Nitrobenzene	9.063	77	694601	19.375	ng/u1	98
23) Isophorone	9.592	82	1375034	19.234	ng/u1	99
25) 2-Nitrophenol	9.775	139	316194	20.179	ng/u1	99
26) 2,4-Dimethylphenol	9.833	107	656713	19.485	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	834380	19.287	ng/u1	98
29) 2,4-Dichlorophenol	10.310	162	545984	19.541	ng/u1	100
30) Naphthalene	10.722	128	1970431	19.252	ng/u1	99
32) 4-Chloroaniline	10.816	127	846948	19.087	ng/u1	99
33) Hexachlorobutadiene	11.016	225	319359	19.164	ng/u1	99
34) Caprolactam	11.563	113	183323m	17.036	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	605317	19.239	ng/u1	99
36) 2-Methylnaphthalene	12.327	142	1364098	19.389	ng/u1	98

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Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 11 00:35:12 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1370737	19.284	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.692	216	648633	18.780	ng/ul	97
40) Hexachlorocyclopentadiene	12.686	237	399677	16.832	ng/ul	100
41) 2,4,6-Trichlorophenol	12.927	196	407673	19.237	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	452953	19.664	ng/ul	98
43) 1,1'-Biphenyl	13.339	154	1761325	19.207	ng/ul	98
44) 2-Chloronaphthalene	13.374	162	1347445	19.160	ng/ul	99
45) 2-Nitroaniline	13.568	65	402566	19.677	ng/ul	93
47) Dimethylphthalate	13.957	163	1659980	19.112	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	318089	20.070	ng/ul	97
50) Acenaphthylene	14.221	152	2140028	19.186	ng/ul	100
51) 3-Nitroaniline	14.386	138	365047	19.727	ng/ul	98
52) Acenaphthene	14.562	153	1514406	19.111	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	147633	16.928	ng/ul	89
55) 4-Nitrophenol	14.686	109	265765	18.632	ng/ul	95
56) Dibenzofuran	14.898	168	1984556	19.268	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	467378	20.478	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.115	232	349085	19.695	ng/ul	100
59) Diethylphthalate	15.321	149	1752350	19.069	ng/ul	99
61) Fluorene	15.545	166	1743098	19.392	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	810014	19.460	ng/ul	97
63) 4-Nitroaniline	15.545	138	392694	21.446	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.609	198	247564	17.836	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	1390560	19.257	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	459503	19.121	ng/ul	97
69) Hexachlorobenzene	16.545	284	523991	19.083	ng/ul	96
70) Atrazine	16.698	200	466524	18.391	ng/ul	99
71) Pentachlorophenol	16.880	266	300986	17.418	ng/ul	100
72) Phenanthrene	17.274	178	2538025	19.153	ng/ul	99
74) Anthracene	17.368	178	2589052	19.296	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	641988	19.006	ng/ul	100
76) Pentachlorobenzene	14.815	250	632359	18.955	ng/ul	98
77) Carbazole	17.627	167	2392713	19.504	ng/ul	99
78) Di-n-butylphthalate	18.209	149	3061529	19.357	ng/ul	100
80) Fluoranthene	19.286	202	2807273	19.566	ng/ul	98
82) Pyrene	19.645	202	3053609	19.968	ng/ul	100
83) Butylbenzylphthalate	20.544	149	1320001	18.908	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.362	252	897174	18.167	ng/ul	99
85) Benzo(a)anthracene	21.444	228	2862941	19.188	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	2009817	18.986	ng/ul	100
87) Chrysene	21.509	228	2613505	18.986	ng/ul	99
89) Di-n-octyl phthalate	22.550	149	3187426	19.335	ng/ul	100
90) Benzo(b)fluoranthene	23.550	252	2604624	19.663	ng/ul	100
91) Benzo(k)fluoranthene	23.609	252	2625412	20.179	ng/ul	99
93) Benzo(a)pyrene	24.368	252	2383950	19.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.962	276	2662462	17.840	ng/ul	99
95) Dibenzo(a,h)anthracene	28.020	278	2189715	18.020	ng/ul	99
96) Benzo(g,h,i)perylene	29.026	276	1975624	17.330	ng/ul	99

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

