

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047138.D
 Acq On : 10 Aug 2024 02:31
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020139

Quant Time: Aug 10 03:09:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	305879	20.000	ng/u1	0.00
20) Naphthalene-d8	10.140	136	1203458	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	748827	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1540830	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1303938	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1511727	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.011	96	58677	7.600	ng/uL	0.00
4) Pyridine-d5	3.399	84	433850	20.601	ng/u1	0.00
7) Phenol-d5	6.587	99	500334	21.533	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	321350	21.019	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	400467	20.346	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	384401	20.883	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	192377	19.921	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	211655	20.070	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	399599	19.735	ng/u1	0.00
31) 4-Chloroaniline-d4	10.292	131	525564	19.750	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	1054642	18.420	ng/u1	0.00
49) Acenaphthylene-d8	13.727	160	1284510	20.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.286	143	203351	18.369	ng/u1	0.00
60) Fluorene-d10	15.045	176	938916	19.170	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	171435	17.610	ng/u1	0.00
73) Anthracene-d10	16.898	188	1429369	19.568	ng/u1	0.00
81) Pyrene-d10	19.209	212	1556070	20.847	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	1569120	19.712	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.046	88	59550	6.932	ng/uL	98
5) Pyridine	3.416	79	437073	20.963	ng/u1	95
6) Benzaldehyde	6.546	77	316054	23.681	ng/u1	98
8) Phenol	6.616	94	514584	21.990	ng/u1	91
10) Bis(2-Chloroethyl)ether	6.834	93	415472	20.831	ng/u1	96
12) 2-Chlorophenol	6.957	128	408629	20.492	ng/u1	96
13) 2-Methylphenol	7.840	108	378215	21.217	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	7.904	45	556785	23.296	ng/u1	97
16) Acetophenone	8.204	105	600844	20.739	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.193	70	310879	20.348	ng/u1	97
18) 4-Methylphenol	8.169	108	413890	21.490	ng/u1	100
19) Hexachloroethane	8.434	117	172944	17.805	ng/u1	93
22) Nitrobenzene	8.569	77	502930	19.493	ng/u1	96
23) Isophorone	9.098	82	857301	19.419	ng/u1	99
25) 2-Nitrophenol	9.269	139	236711	20.518	ng/u1#	94
26) 2,4-Dimethylphenol	9.351	107	421515	18.536	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.581	93	537408	19.747	ng/u1	99
29) 2,4-Dichlorophenol	9.804	162	396822	19.650	ng/u1	99
30) Naphthalene	10.187	128	1255565	19.705	ng/u1	100
32) 4-Chloroaniline	10.310	127	517248	20.016	ng/u1	98
33) Hexachlorobutadiene	10.475	225	247826	17.010	ng/u1	97
34) Caprolactam	11.098	113	117295m	19.180	ng/u1	
35) 4-Chloro-3-methylphenol	11.457	107	401365	19.275	ng/u1	98
36) 2-Methylnaphthalene	11.816	142	869114	19.534	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.039	142	870841	19.335	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.192	216	449147	19.125	ng/ul	99
40) Hexachlorocyclopentadiene	12.175	237	277223	17.920	ng/ul	97
41) 2,4,6-Trichlorophenol	12.451	196	308804	20.089	ng/ul	98
42) 2,4,5-Trichlorophenol	12.528	196	334273	20.141	ng/ul	100
43) 1,1'-Biphenyl	12.863	154	1111450	19.840	ng/ul	98
44) 2-Chloronaphthalene	12.892	162	898294	20.192	ng/ul	99
45) 2-Nitroaniline	13.122	65	271053	20.049	ng/ul	96
47) Dimethylphthalate	13.516	163	1073750	18.689	ng/ul	99
48) 2,6-Dinitrotoluene	13.633	165	224115	20.066	ng/ul	86
50) Acenaphthylene	13.757	152	1349750	19.997	ng/ul	99
51) 3-Nitroaniline	13.963	138	241703	21.250	ng/ul	97
52) Acenaphthene	14.104	153	945314	19.426	ng/ul	99
53) 2,4-Dinitrophenol	14.180	184	156352	19.840	ng/ul	90
55) 4-Nitrophenol	14.298	109	170237	15.194	ng/ul#	80
56) Dibenzofuran	14.445	168	1314972	19.255	ng/ul	94
57) 2,4-Dinitrotoluene	14.433	165	325482	19.070	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.680	232	267779	18.149	ng/ul#	97
59) Diethylphthalate	14.898	149	1077389	17.432	ng/ul	99
61) Fluorene	15.098	166	1051296	18.663	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.104	204	484661	17.478	ng/ul	96
63) 4-Nitroaniline	15.133	138	241075m	21.447	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.198	198	188140	17.662	ng/ul	94
67) N-Nitrosodiphenylamine	15.322	169	901857	19.747	ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	313178	18.778	ng/ul	93
69) Hexachlorobenzene	16.104	284	369859	18.834	ng/ul	99
70) Atrazine	16.298	200	315899	17.629	ng/ul	98
71) Pentachlorophenol	16.457	266	238252	17.919	ng/ul	95
72) Phenanthrene	16.839	178	1678314	19.431	ng/ul	100
74) Anthracene	16.933	178	1678637	19.271	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.816	216	460588	20.776	ng/uL	97
76) Pentachlorobenzene	14.363	250	444520	19.371	ng/uL	100
77) Carbazole	17.210	167	1579435	19.559	ng/ul	100
78) Di-n-butylphthalate	17.798	149	1829582	17.817	ng/ul	99
80) Fluoranthene	18.874	202	1865220	20.909	ng/ul	98
82) Pyrene	19.239	202	1971170	20.738	ng/ul#	95
83) Butylbenzylphthalate	20.180	149	821548	19.775	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.956	252	564064	17.646	ng/ul	98
85) Benzo(a)anthracene	21.015	228	1866514	19.600	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	1164229	19.196	ng/ul	98
87) Chrysene	21.074	228	1747392	19.239	ng/ul	100
89) Di-n-octyl phthalate	22.015	149	1995083	18.707	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1877115	20.074	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	1862638	20.157	ng/ul	98
93) Benzo(a)pyrene	23.609	252	1742408	20.001	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.733	276	2181582	19.545	ng/ul	98
95) Dibenzo(a,h)anthracene	26.774	278	1764348	19.680	ng/ul	98
96) Benzo(g,h,i)perylene	27.656	276	1701975	19.299	ng/ul	97

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

