

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047027.D
 Acq On : 06 Aug 2024 17:50
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020131

Quant Time: Aug 07 01:18:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 04:53:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	225868	20.000	ng/u1	0.00
20) Naphthalene-d8	10.157	136	943231	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	628254	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.810	188	1281888	20.000	ng/u1	0.00
79) Chrysene-d12	21.045	240	1045478	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1252211	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	44914	7.878	ng/uL	0.00
4) Pyridine-d5	3.404	84	325320	20.919	ng/u1	0.00
7) Phenol-d5	6.604	99	381267	22.221	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	257479	22.807	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	313915	21.598	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	307795	22.645	ng/u1	0.00
21) Nitrobenzene-d5	8.545	128	157159	20.764	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	176171	21.314	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	327610	20.644	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	434090	20.813	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	935478	19.474	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	1100091	20.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	175883	18.937	ng/u1	0.00
60) Fluorene-d10	15.057	176	816353	19.866	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	152056	18.775	ng/u1	0.00
73) Anthracene-d10	16.910	188	1239187	20.392	ng/u1	0.00
81) Pyrene-d10	19.221	212	1312259	21.926	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	1336311	20.266	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	47789	7.533	ng/uL	97
5) Pyridine	3.428	79	325608	21.149	ng/u1	92
6) Benzaldehyde	6.557	77	232887	23.631	ng/u1	99
8) Phenol	6.628	94	396247	22.932	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.845	93	333728	22.659	ng/u1	94
12) 2-Chlorophenol	6.969	128	321337	21.823	ng/u1	98
13) 2-Methylphenol	7.851	108	295515	22.451	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.922	45	429931	24.360	ng/u1	99
16) Acetophenone	8.216	105	478000	22.343	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.210	70	251171	22.264	ng/u1	97
18) 4-Methylphenol	8.181	108	327149	23.003	ng/u1	98
19) Hexachloroethane	8.451	117	147130	20.513	ng/u1	98
22) Nitrobenzene	8.586	77	404050	19.981	ng/u1	94
23) Isophorone	9.110	82	721192	20.843	ng/u1	98
25) 2-Nitrophenol	9.286	139	190961	21.119	ng/u1	96
26) 2,4-Dimethylphenol	9.363	107	351593	19.727	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.598	93	454139	21.291	ng/u1	99
29) 2,4-Dichlorophenol	9.816	162	322398	20.369	ng/u1	99
30) Naphthalene	10.204	128	1003953	20.103	ng/u1	100
32) 4-Chloroaniline	10.328	127	421915	20.831	ng/u1	99
33) Hexachlorobutadiene	10.492	225	209590	18.355	ng/u1	98
34) Caprolactam	11.110	113	97509m	20.344	ng/u1	
35) 4-Chloro-3-methylphenol	11.469	107	339877	20.825	ng/u1	99
36) 2-Methylnaphthalene	11.827	142	721031	20.677	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.057	142	725648	20.556	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.210	216	381194	19.347	ng/ul	99
40) Hexachlorocyclopentadiene	12.192	237	210226	16.197	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.469	196	265945	20.621	ng/ul	98
42) 2,4,5-Trichlorophenol	12.539	196	284133	20.405	ng/ul	100
43) 1,1'-Biphenyl	12.874	154	942479	20.052	ng/ul	99
44) 2-Chloronaphthalene	12.910	162	757863	20.304	ng/ul	99
45) 2-Nitroaniline	13.133	65	237233	20.915	ng/ul	98
47) Dimethylphthalate	13.527	163	953900	19.789	ng/ul	99
48) 2,6-Dinitrotoluene	13.645	165	191545	20.441	ng/ul	92
50) Acenaphthylene	13.769	152	1131846	19.987	ng/ul	99
51) 3-Nitroaniline	13.974	138	198077	20.756	ng/ul	99
52) Acenaphthene	14.116	153	819063	20.062	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	106560	16.117	ng/ul	95
55) 4-Nitrophenol	14.310	109	158764	16.889	ng/ul	88
56) Dibenzofuran	14.457	168	1136717	19.839	ng/ul	96
57) 2,4-Dinitrotoluene	14.445	165	281382	19.650	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.692	232	231453	18.698	ng/ul	99
59) Diethylphthalate	14.916	149	985606	19.007	ng/ul	99
61) Fluorene	15.116	166	910530	19.267	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.121	204	427783	18.387	ng/ul	96
63) 4-Nitroaniline	15.145	138	174806	18.536	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.210	198	169630	19.141	ng/ul	97
67) N-Nitrosodiphenylamine	15.339	169	797929	21.000	ng/ul	99
68) 4-Bromophenyl-phenylether	16.015	248	279458	20.141	ng/ul	94
69) Hexachlorobenzene	16.115	284	328594	20.112	ng/ul	96
70) Atrazine	16.310	200	285853	19.175	ng/ul	98
71) Pentachlorophenol	16.468	266	208513	18.851	ng/ul	98
72) Phenanthrene	16.851	178	1443785	20.092	ng/ul	100
74) Anthracene	16.945	178	1451487	20.030	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.833	216	384964	20.872	ng/uL	97
76) Pentachlorobenzene	14.374	250	387867	20.317	ng/uL	99
77) Carbazole	17.221	167	1348248	20.069	ng/ul	100
78) Di-n-butylphthalate	17.809	149	1651823	19.336	ng/ul	98
80) Fluoranthene	18.886	202	1574321	22.011	ng/ul	99
82) Pyrene	19.251	202	1663548	21.828	ng/ul	96
83) Butylbenzylphthalate	20.192	149	706186	21.200	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.968	252	473876	18.489	ng/ul	97
85) Benzo(a)anthracene	21.027	228	1561247	20.447	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.992	149	984966	20.255	ng/ul	99
87) Chrysene	21.086	228	1467013	20.145	ng/ul	99
89) Di-n-octyl phthalate	22.027	149	1659509	18.785	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1574387	20.326	ng/ul	99
91) Benzo(k)fluoranthene	22.962	252	1571753	20.534	ng/ul	99
93) Benzo(a)pyrene	23.627	252	1473784	20.423	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	1872955	20.258	ng/ul	99
95) Dibenzo(a,h)anthracene	26.809	278	1515010	20.401	ng/ul	99
96) Benzo(g,h,i)perylene	27.685	276	1466162	20.071	ng/ul	98

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

