

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
 Data File : BM045155.D
 Acq On : 12 Apr 2024 04:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020096

Quant Time: Apr 12 05:55:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	69351	20.000	ng/u1	0.00
20) Naphthalene-d8	10.386	136	312237	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	208157	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	432287	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	389479	20.000	ng/u1	0.00
88) Perylene-d12	23.450	264	406759	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	12699	6.838	ng/uL	0.00
4) Pyridine-d5	3.605	84	88623	17.548	ng/u1	0.00
7) Phenol-d5	6.798	99	111739	19.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	71143	20.310	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	93799	20.364	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	95312	20.711	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	48940	20.405	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	52758	20.841	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	97814	21.075	ng/u1	0.00
31) 4-Chloroaniline-d4	10.545	131	145828	19.734	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	305967	21.111	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	349636	20.420	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	49130	16.243	ng/u1	0.00
60) Fluorene-d10	15.263	176	257867	19.957	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	45821	17.877	ng/u1	0.00
73) Anthracene-d10	17.121	188	391915	20.153	ng/u1	0.00
81) Pyrene-d10	19.427	212	443716	23.137	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.309	264	403982	20.359	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	14933	7.699	ng/uL	97
5) Pyridine	3.622	79	94177	17.599	ng/u1	97
6) Benzaldehyde	6.787	77	69464	25.487	ng/u1	98
8) Phenol	6.828	94	117207	19.251	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.063	93	98510	20.732	ng/u1	97
12) 2-Chlorophenol	7.181	128	97796	20.234	ng/u1	99
13) 2-Methylphenol	8.063	108	90590	20.159	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.140	45	119309m	21.052	ng/u1	
16) Acetophenone	8.445	105	156040	20.856	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.428	70	81305	23.016	ng/u1#	94
18) 4-Methylphenol	8.392	108	99553	20.553	ng/u1	100
19) Hexachloroethane	8.663	117	43674	20.545	ng/u1	95
22) Nitrobenzene	8.822	77	119642	20.332	ng/u1	96
23) Isophorone	9.339	82	233780	21.624	ng/u1	98
25) 2-Nitrophenol	9.522	139	58372	20.775	ng/u1	95
26) 2,4-Dimethylphenol	9.581	107	110653	20.427	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.828	93	139825	21.816	ng/u1	98
29) 2,4-Dichlorophenol	10.045	162	98311	20.965	ng/u1	98
30) Naphthalene	10.439	128	328354	19.865	ng/u1	100
32) 4-Chloroaniline	10.569	127	138540	19.268	ng/u1	98
33) Hexachlorobutadiene	10.704	225	58693	20.131	ng/u1	94
34) Caprolactam	11.375	113	32304m	20.405	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	100686	21.600	ng/u1	100
36) 2-Methylnaphthalene	12.063	142	228238	21.148	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.280	142	230286	21.086	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.428	216	113342	19.910	ng/ul	97
40) Hexachlorocyclopentadiene	12.392	237	62750	18.209	ng/ul	98
41) 2,4,6-Trichlorophenol	12.686	196	78094	21.030	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	84252	20.591	ng/ul	95
43) 1,1'-Biphenyl	13.092	154	300157	20.420	ng/ul	98
44) 2-Chloronaphthalene	13.127	162	236584	19.811	ng/ul	99
45) 2-Nitroaniline	13.363	65	69365	21.042	ng/ul	96
47) Dimethylphthalate	13.739	163	317063	20.930	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	63077	21.244	ng/ul	91
50) Acenaphthylene	13.986	152	403632	20.184	ng/ul	98
51) 3-Nitroaniline	14.204	138	65581	20.248	ng/ul	95
52) Acenaphthene	14.327	153	269659	20.208	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	27310	15.470	ng/ul	92
55) 4-Nitrophenol	14.516	109	44363	16.677	ng/ul	87
56) Dibenzofuran	14.669	168	361376	19.791	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	91263	20.534	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	14.898	232	72535	20.713	ng/ul	96
59) Diethylphthalate	15.110	149	325640	21.070	ng/ul	99
61) Fluorene	15.321	166	298026	19.365	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.321	204	142345	19.733	ng/ul	97
63) 4-Nitroaniline	15.374	138	60668m	20.603	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.421	198	48495	17.667	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	244843	20.996	ng/ul	99
68) 4-Bromophenyl-phenylether	16.221	248	89839	21.339	ng/ul	99
69) Hexachlorobenzene	16.316	284	114466	20.901	ng/ul	96
70) Atrazine	16.510	200	86920	20.263	ng/ul	99
71) Pentachlorophenol	16.674	266	62605	18.819	ng/ul	99
72) Phenanthrene	17.068	178	467344	20.090	ng/ul	98
74) Anthracene	17.157	178	477025	20.046	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	115793	21.252	ng/uL	96
76) Pentachlorobenzene	14.580	250	122653	21.158	ng/uL	97
77) Carbazole	17.445	167	433843	18.908	ng/ul	99
78) Di-n-butylphthalate	18.009	149	562500	21.738	ng/ul	100
80) Fluoranthene	19.092	202	534439	23.627	ng/ul	100
82) Pyrene	19.462	202	562352	23.038	ng/ul	99
83) Butylbenzylphthalate	20.380	149	244381	23.896	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.162	252	156741	18.099	ng/ul	96
85) Benzo(a)anthracene	21.215	228	530924	20.090	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	355319	22.227	ng/ul	98
87) Chrysene	21.268	228	488179	19.816	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	573417	22.406	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	515168	21.730	ng/ul	98
91) Benzo(k)fluoranthene	22.827	252	485262	20.336	ng/ul	98
93) Benzo(a)pyrene	23.350	252	459393	19.910	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.668	276	523257	17.507	ng/ul	99
95) Dibenzo(a,h)anthracene	25.685	278	434721	17.397	ng/ul	99
96) Benzo(g,h,i)perylene	26.350	276	411323	17.445	ng/ul	99

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

