

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047025.D
 Acq On : 06 Aug 2024 14:16
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020130

Quant Time: Aug 07 01:25:00 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 08/07/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	321234	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	1234373	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	798737	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.810	188	1695498	20.000	ng/u1	0.00
79) Chrysene-d12	21.050	240	1446948	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1667921	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	61028	7.526	ng/uL	0.00
4) Pyridine-d5	3.404	84	440537	19.918	ng/u1	0.00
7) Phenol-d5	6.598	99	518510	21.248	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	338628	21.090	ng/u1	0.00
11) 2-Chlorophenol-d4	6.934	132	424559	20.539	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	408264	21.119	ng/u1	0.00
21) Nitrobenzene-d5	8.539	128	208039	21.003	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	234410	21.671	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.786	165	440403	21.206	ng/u1	0.00
31) 4-Chloroaniline-d4	10.298	131	566798	20.766	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	1252574	20.510	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	1425820	20.915	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	238748	20.219	ng/u1	0.00
60) Fluorene-d10	15.057	176	1048545	20.070	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	208751	19.488	ng/u1	0.00
73) Anthracene-d10	16.909	188	1612902	20.067	ng/u1	0.00
81) Pyrene-d10	19.221	212	1796310	21.687	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	1835611	20.900	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	64684	7.169	ng/uL	97
5) Pyridine	3.422	79	437166	19.965	ng/u1	93
6) Benzaldehyde	6.557	77	311106	22.196	ng/u1	98
8) Phenol	6.622	94	520676	21.187	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.840	93	446000	21.292	ng/u1	97
12) 2-Chlorophenol	6.969	128	434692	20.757	ng/u1	97
13) 2-Methylphenol	7.851	108	397374	21.227	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	7.916	45	572373	22.803	ng/u1	98
16) Acetophenone	8.210	105	624476	20.524	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.204	70	333169	20.765	ng/u1	98
18) 4-Methylphenol	8.181	108	434241	21.469	ng/u1	99
19) Hexachloroethane	8.451	117	198677	19.476	ng/u1	91
22) Nitrobenzene	8.581	77	531636	20.089	ng/u1	94
23) Isophorone	9.110	82	948199	20.940	ng/u1	98
25) 2-Nitrophenol	9.281	139	258027	21.806	ng/u1#	91
26) 2,4-Dimethylphenol	9.363	107	461954	19.806	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.592	93	585007	20.957	ng/u1	99
29) 2,4-Dichlorophenol	9.816	162	435760	21.038	ng/u1	98
30) Naphthalene	10.198	128	1329077	20.336	ng/u1	99
32) 4-Chloroaniline	10.322	127	556880	21.010	ng/u1	100
33) Hexachlorobutadiene	10.486	225	286757	19.189	ng/u1	98
34) Caprolactam	11.110	113	134390m	21.425	ng/u1	
35) 4-Chloro-3-methylphenol	11.469	107	440901	20.643	ng/u1	100
36) 2-Methylnaphthalene	11.827	142	946945	20.751	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.051	142	944604	20.448	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.210	216	509201	20.327	ng/ul	99
40) Hexachlorocyclopentadiene	12.186	237	290793	17.622	ng/ul	97
41) 2,4,6-Trichlorophenol	12.463	196	350853	21.398	ng/ul	97
42) 2,4,5-Trichlorophenol	12.539	196	379914	21.461	ng/ul	100
43) 1,1'-Biphenyl	12.874	154	1232328	20.623	ng/ul	99
44) 2-Chloronaphthalene	12.910	162	984332	20.743	ng/ul	98
45) 2-Nitroaniline	13.127	65	308672	21.405	ng/ul	99
47) Dimethylphthalate	13.527	163	1242665	20.278	ng/ul	100
48) 2,6-Dinitrotoluene	13.645	165	262029	21.995	ng/ul#	84
50) Acenaphthylene	13.769	152	1479570	20.551	ng/ul	99
51) 3-Nitroaniline	13.974	138	266266	21.946	ng/ul	94
52) Acenaphthene	14.116	153	1048195	20.195	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	149001	17.726	ng/ul	92
55) 4-Nitrophenol	14.310	109	204914	17.146	ng/ul#	83
56) Dibenzofuran	14.457	168	1460896	20.055	ng/ul	95
57) 2,4-Dinitrotoluene	14.439	165	380164	20.882	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.692	232	316111	20.086	ng/ul	97
59) Diethylphthalate	14.910	149	1290288	19.572	ng/ul	99
61) Fluorene	15.110	166	1187059	19.757	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.115	204	564014	19.068	ng/ul	97
63) 4-Nitroaniline	15.151	138	261420m	21.803	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.210	198	231559	19.755	ng/ul	94
67) N-Nitrosodiphenylamine	15.333	169	1038895	20.672	ng/ul	98
68) 4-Bromophenyl-phenylether	16.015	248	373584	20.357	ng/ul	93
69) Hexachlorobenzene	16.115	284	432894	20.033	ng/ul	98
70) Atrazine	16.310	200	391523	19.856	ng/ul	98
71) Pentachlorophenol	16.468	266	288419	19.714	ng/ul	97
72) Phenanthrene	16.851	178	1887694	19.861	ng/ul	100
74) Anthracene	16.945	178	1912555	19.954	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.827	216	522271	21.409	ng/ul	96
76) Pentachlorobenzene	14.374	250	510314	20.210	ng/ul	99
77) Carbazole	17.221	167	1788637	20.129	ng/ul	99
78) Di-n-butylphthalate	17.809	149	2287218	20.242	ng/ul	98
80) Fluoranthene	18.886	202	2163272	21.853	ng/ul	99
82) Pyrene	19.251	202	2270301	21.524	ng/ul	96
83) Butylbenzylphthalate	20.192	149	1029388	22.329	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.974	252	708504	19.974	ng/ul	99
85) Benzo(a)anthracene	21.033	228	2159282	20.433	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.997	149	1477752	21.957	ng/ul	99
87) Chrysene	21.092	228	1999508	19.839	ng/ul	100
89) Di-n-octyl phthalate	22.033	149	2557587	21.736	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	2153114	20.869	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	2161827	21.204	ng/ul	99
93) Benzo(a)pyrene	23.633	252	1997647	20.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.768	276	2506313	20.352	ng/ul	100
95) Dibenzo(a,h)anthracene	26.821	278	2013363	20.354	ng/ul	99
96) Benzo(g,h,i)perylene	27.697	276	1960732	20.151	ng/ul	98

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

