Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030123\
Data File : BM038820.D
Acq On : 01 Mar 2023 09:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020096

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 01 10:25:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 01 02:09:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	226734	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	1007916	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	648851	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1424007	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1437454	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	1626155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	51289	8.447	ng/uL	0.00
4) Pyridine-d5	3.799	84	347947	20.842	ng/ul	0.00
7) Phenol-d5	7.157	99	430095	20.233	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	279184	20.555	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	335492	21.181	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	337846	20.174	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	155908	22.034	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	145153	21.892	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	329983	21.418	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	529605	20.623	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1056504	21.023	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1253342	21.338	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	204801	20.357	ng/ul	0.00
60) Fluorene-d10	15.639	176	956619	21.583	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	136656	18.459	ng/ul	0.00
73) Anthracene-d10	17.486	188	1488701	21.201	ng/ul	0.00
81) Pyrene-d10	19.774	212	1702127	21.529	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	1789200	21.833	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	55247	8.466	ng/uL	97
5) Pyridine	3.822	79	373285	20.770	ng/ul	97
6) Benzaldehyde	7.140	77	257105	24.974	ng/ul	95
8) Phenol	7.187	94	465523	20.461	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	372695	20.576	ng/ul	99
12) 2-Chlorophenol	7.569	128	350718	21.498	ng/ul	97
13) 2-Methylphenol	8.451	108	343376	20.190	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.551	45	463210	20.371	ng/ul	100
16) Acetophenone	8.839	105	603995	20.752	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	282030	21.098	ng/ul	99
18) 4-Methylphenol	8.781	108	384081	20.339	ng/ul	98
19) Hexachloroethane	9.104	117	137682	21.065	ng/ul	96
22) Nitrobenzene	9.222	77	413884	21.380	ng/ul	100
23) Isophorone	9.745	82	822887	20.899	ng/ul	100
25) 2-Nitrophenol	9.934	139	175917	22.374	ng/ul	99
26) 2,4-Dimethylphenol	9.992	107	412231	21.340	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.233	93	508697	21.053	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	336600	21.551	ng/ul	98
30) Naphthalene	10.880	128	1229254	21.373	ng/ul	100
32) 4-Chloroaniline	10.986	127	541135	20.812	ng/ul	99
33) Hexachlorobutadiene	11.169	225	205718	21.169	ng/ul	99
34) Caprolactam	11.739	113	104872m	19.582	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	374685	21.220	ng/ul	100
36) 2-Methylnaphthalene	12.480	142	797326	21.239	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	801094	21.179	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	405521	20.894	ng/ul	98
40) Hexachlorocyclopentadiene	12.833	237	206773	19.746	ng/ul	97
41) 2,4,6-Trichlorophenol	13.080	196	262821	21.468	ng/ul	97
42) 2,4,5-Trichlorophenol	13.145	196	292316	21.695	ng/ul	98
43) 1,1'-Biphenyl	13.486	154	1084617	21.193	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	857143	21.234	ng/ul	99
45) 2-Nitroaniline	13.721	65	200160	21.973	ng/ul	98
47) Dimethylphthalate	14.104	163	1071669	21.042	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	180932	22.451	ng/ul	99
50) Acenaphthylene	14.368	152	1392932	21.382	ng/ul	100
51) 3-Nitroaniline	14.545	138	204953	20.262	ng/ul	96
52) Acenaphthene	14.710	153	952437	21.240	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	77142	16.837	ng/ul	97
55) 4-Nitrophenol	14.839	109	168821	21.009	ng/ul	97
56) Dibenzofuran	15.045	168	1338505	21.501	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	283994	22.796	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.263	232	255173	21.753	ng/ul	99
59) Diethylphthalate	15.468	149	1085189	21.533	ng/ul	99
61) Fluorene	15.692	166	1127103	21.594	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	537104	21.315	ng/ul	97
63) 4-Nitroaniline	15.704	138	231049	22.085	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	144906	18.913	ng/ul	93
67) N-Nitrosodiphenylamine	15.898	169	918708	21.331	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	309800	21.137	ng/ul	99
69) Hexachlorobenzene	16.692	284	375844	21.171	ng/ul	100
70) Atrazine	16.851	200	295528	20.283	ng/ul	99
71) Pentachlorophenol	17.033	266	213700	19.798	ng/ul	99
72) Phenanthrene	17.433	178	1741762	21.170	ng/ul	100
74) Anthracene	17.521	178	1796728	21.447	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	423645	21.110	ng/uL	99
76) Pentachlorobenzene	14.963	250	435485	21.119	ng/uL	99
77) Carbazole	17.792	167	1636451	21.036	ng/ul	100
78) Di-n-butylphthalate	18.362	149	1734764	21.919	ng/ul	99
80) Fluoranthene	19.445	202	1973637	21.705	ng/ul	100
82) Pyrene	19.803	202	2137429	21.437	ng/ul	99
83) Butylbenzylphthalate	20.709	149	621303	23.451	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	610833	21.686	ng/ul	99
85) Benzo(a)anthracene	21.550	228	2145813	21.605	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	1038813	23.586	ng/ul	99
87) Chrysene	21.603	228	2076804	21.382	ng/ul	100
89) Di-n-octyl phthalate	22.439	149	1697502	20.760	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2230605	22.092	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	2223216	21.435	ng/ul	99
93) Benzo(a)pyrene	23.915	252	2051197	21.931	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.585	276	2710822	21.926	ng/ul	99
95) Dibenzo(a,h)anthracene	26.603	278	2279765	21.857	ng/ul	100
96) Benzo(g,h,i)perylene	27.368	276	2216698	21.896	ng/ul	98

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

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