Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051822\
Data File : BM035149.D
Acq On : 18 May 2022 18:11
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020126

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/19/2022

Quant Time: May 19 00:50:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 16:13:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	168560	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	636306	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	379188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	763487	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	788640	20.000	ng/ul	0.00
88) Perylene-d12	23.856	264	766045	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	33281	8.158	ng/uL	0.01
4) Pyridine-d5	3.787	84	211883	20.134	ng/ul	0.00
7) Phenol-d5	7.075	99	246278	19.825	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	160158	20.434	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	226492	20.567	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	208489	19.979	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	103188	20.684	ng/ul	0.00
24) 2-Nitrophenol-d4	9.792	143	115801	20.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	206370	20.771	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	277477	20.254	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	583987	21.139	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	693472	21.003	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	101848	20.794	ng/ul	0.00
60) Fluorene-d10	15.533	176	491629	21.035	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	84100	17.059	ng/ul	0.00
73) Anthracene-d10	17.386	188	799863	22.507	ng/ul	0.00
81) Pyrene-d10	19.680	212	827074	19.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.703	264	796202	20.509	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	34015	8.024	ng/uL	98
5) Pyridine	3.805	79	220480	20.214	ng/ul	91
6) Benzaldehyde	7.046	77	153352	24.879	ng/ul	99
8) Phenol	7.104	94	264849	20.271	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.334	93	205653	20.307	ng/ul	99
12) 2-Chlorophenol	7.475	128	230943	20.527	ng/ul	99
13) 2-Methylphenol	8.351	108	200850	20.481	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	303390	21.089	ng/ul	99
16) Acetophenone	8.734	105	322423	19.947	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.716	70	157382	20.537	ng/ul	98
18) 4-Methylphenol	8.681	108	209700	20.010	ng/ul	97
19) Hexachloroethane	8.992	117	100706	20.592	ng/ul	98
22) Nitrobenzene	9.110	77	247814	20.773	ng/ul	99
23) Isophorone	9.640	82	438490	20.827	ng/ul	99
25) 2-Nitrophenol	9.822	139	124889	20.885	ng/ul	94
26) 2,4-Dimethylphenol	9.887	107	242926	20.611	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.122	93	262694	20.729	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	208481	20.810	ng/ul	99
30) Naphthalene	10.757	128	676999	20.570	ng/ul	99
32) 4-Chloroaniline	10.869	127	275951	20.142	ng/ul	100
33) Hexachlorobutadiene	11.051	225	149063	20.462	ng/ul	99
34) Caprolactam	11.634	113	62036	21.492	ng/ul	98
35) 4-Chloro-3-methylphenol	11.992	107	212417	21.121	ng/ul	98
36) 2-Methylnaphthalene	12.369	142	455149	20.644	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	455500	20.612	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.739	216	249769	20.485	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	149353	17.178	ng/ul	100
41) 2,4,6-Trichlorophenol	12.980	196	162699	20.893	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	178380	21.582	ng/ul	98
43) 1,1'-Biphenyl	13.380	154	607073	20.679	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	471680	20.720	ng/ul	96
45) 2-Nitroaniline	13.622	65	135826	21.234	ng/ul	95
47) Dimethylphthalate	14.004	163	585481	21.167	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	119791	21.743	ng/ul	96
50) Acenaphthylene	14.263	152	739492	20.840	ng/ul	98
51) 3-Nitroaniline	14.445	138	116206	21.996	ng/ul	94
52) Acenaphthene	14.610	153	488258	20.661	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	57723	15.993	ng/ul	94
55) 4-Nitrophenol	14.751	109	91720	19.963	ng/ul	95
56) Dibenzofuran	14.939	168	688296	20.826	ng/ul	95
57) 2,4-Dinitrotoluene	14.904	165	169054	21.852	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.169	232	143161	21.381	ng/ul	97
59) Diethylphthalate	15.369	149	598735	21.376	ng/ul	99
61) Fluorene	15.592	166	559829	20.818	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	283071	20.736	ng/ul	99
63) 4-Nitroaniline	15.604	138	120384m	25.150	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.669	198	84960	17.193	ng/ul#	98
67) N-Nitrosodiphenylamine	15.798	169	479676	20.769	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	164374	20.328	ng/ul	96
69) Hexachlorobenzene	16.598	284	190790	20.662	ng/ul	99
70) Atrazine	16.751	200	173774	19.283	ng/ul	99
71) Pentachlorophenol	16.939	266	120236	19.485	ng/ul	97
72) Phenanthrene	17.327	178	854183	20.662	ng/ul	100
74) Anthracene	17.421	178	949316	22.534	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	261566	19.667	ng/uL	98
76) Pentachlorobenzene	14.869	250	233809	20.465	ng/uL	100
77) Carbazole	17.686	167	807288	21.653	ng/ul	99
78) Di-n-butylphthalate	18.262	149	1006171	18.859	ng/ul	100
80) Fluoranthene	19.345	202	987913	19.581	ng/ul	100
82) Pyrene	19.709	202	1010963	19.467	ng/ul	98
83) Butylbenzylphthalate	20.609	149	460575	20.704	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.386	252	304692	18.793	ng/ul	99
85) Benzo(a)anthracene	21.456	228	976546	19.382	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	695949	20.806	ng/ul	100
87) Chrysene	21.509	228	1031474	20.998	ng/ul	100
89) Di-n-octyl phthalate	22.309	149	1190097	21.667	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1026628	20.607	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	944379	19.954	ng/ul	100
93) Benzo(a)pyrene	23.750	252	989176	20.379	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.333	276	1147015	20.564	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.344	278	991689	20.699	ng/ul#	96
96) Benzo(g,h,i)perylene	27.085	276	960272	20.696	ng/ul#	95

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

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