Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034195.D
Acq On : 09 Mar 2022 21:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020101

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022
Supervised By :Yogesh Patel 03/11/2022

Quant Time: Mar 10 01:14:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 13:09:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	167542	20.000	ng/ul	0.00
20) Naphthalene-d8	10.801	136	672964	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.624	164	425010	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.365	188	781526	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.536	240	696976	20.000	ng/ul	# 0.00
88) Perylene-d12	23.977	264	762947	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	31580	8.669	ng/uL	0.00
4) Pyridine-d5	3.790	84	209225	19.731	ng/ul	0.00
7) Phenol-d5	7.137	99	254739	19.404	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.307	67	144129	20.398	ng/ul	0.00
11) 2-Chlorophenol-d4	7.513	132	226102	20.777	ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	216107	19.646	ng/ul	0.00
21) Nitrobenzene-d5	9.148	128	109136	20.930	ng/ul	0.00
24) 2-Nitrophenol-d4	9.878	143	122678	21.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	241181	20.651	ng/ul	0.00
31) 4-Chloroaniline-d4	10.931	131	286798	17.974	ng/ul	0.00
46) Dimethylphthalate-d6	14.030	166	641229	19.882	ng/ul	0.00
49) Acenaphthylene-d8	14.319	160	829602	20.571	ng/ul	0.00
54) 4-Nitrophenol-d4	14.801	143	99913	16.649	ng/ul	0.00
60) Fluorene-d10	15.613	176	551455	19.212	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	93231	18.486	ng/ul	0.00
73) Anthracene-d10	17.459	188	785117	20.394	ng/ul	0.00
81) Pyrene-d10	19.748	212	817233	21.332	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.818	264	812484	20.075	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	31214	7.915	ng/uL#	72
5) Pyridine	3.807	79	212673	19.837	ng/ul#	70
6) Benzaldehyde	7.119	77	121492	18.032	ng/ul#	76
8) Phenol	7.166	94	258745	19.486	ng/ul#	81
10) Bis(2-Chloroethyl)ether	7.401	93	207603	20.146	ng/ul#	85
12) 2-Chlorophenol	7.548	128	230140	20.474	ng/ul#	79
13) 2-Methylphenol	8.425	108	203936	19.697	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.525	45	188258	20.582	ng/ul#	78
16) Acetophenone	8.813	105	342597	19.768	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.801	70	162447	20.519	ng/ul#	80
18) 4-Methylphenol	8.754	108	219607	19.419	ng/ul	98
19) Hexachloroethane	9.084	117	93696	20.269	ng/ul#	60
22) Nitrobenzene	9.189	77	243488	20.650	ng/ul#	86
23) Isophorone	9.725	82	437571	20.582	ng/ul#	91
25) 2-Nitrophenol	9.907	139	130418	21.134	ng/ul#	72
26) 2,4-Dimethylphenol	9.966	107	258664	20.723	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.207	93	276089	20.715	ng/ul#	97
29) 2,4-Dichlorophenol	10.442	162	236840	20.519	ng/ul	95
30) Naphthalene	10.854	128	725619	20.139	ng/ul	99
32) 4-Chloroaniline	10.954	127	293493	18.063	ng/ul	99
33) Hexachlorobutadiene	11.148	225	180789	20.567	ng/ul	98
34) Caprolactam	11.713	113	58069	16.719	ng/ul#	50
35) 4-Chloro-3-methylphenol	12.072	107	221033	19.598	ng/ul#	74
36) 2-Methylnaphthalene	12.460	142	514478	19.909	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.677	142	525000	19.828	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.830	216	320173	21.566	ng/ul#	95
40) Hexachlorocyclopentadiene	12.813	237	216981	21.648	ng/ul	97
41) 2,4,6-Trichlorophenol	13.060	196	194332	21.444	ng/ul	99
42) 2,4,5-Trichlorophenol	13.130	196	209138	20.924	ng/ul	94
43) 1,1'-Biphenyl	13.466	154	693261	20.950	ng/ul#	97
44) 2-Chloronaphthalene	13.507	162	544337	20.929	ng/ul	94
45) 2-Nitroaniline	13.695	65	119804	20.018	ng/ul#	67
47) Dimethylphthalate	14.077	163	639990	19.619	ng/ul	100
48) 2,6-Dinitrotoluene	14.189	165	127316	19.636	ng/ul#	85
50) Acenaphthylene	14.348	152	830250	20.418	ng/ul	99
51) 3-Nitroaniline	14.519	138	85772	14.463	ng/ul#	80
52) Acenaphthene	14.689	153	537348	19.958	ng/ul	97
53) 2,4-Dinitrophenol	14.719	184	64140	15.635	ng/ul#	74
55) 4-Nitrophenol	14.813	109	87471	16.807	ng/ul#	76
56) Dibenzofuran	15.024	168	780743	19.688	ng/ul	90
57) 2,4-Dinitrotoluene	14.971	165	174581	18.414	ng/ul#	68
58) 2,3,4,6-Tetrachlorophenol	15.242	232	166403	19.207	ng/ul#	87
59) Diethylphthalate	15.436	149	593643	18.540	ng/ul	98
61) Fluorene	15.671	166	618310	18.955	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.660	204	335370	19.096	ng/ul	90
63) 4-Nitroaniline	15.671	138	75047m	13.680	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.736	198	97082	19.062	ng/ul#	82
67) N-Nitrosodiphenylamine	15.871	169	513523	22.036	ng/ul	99
68) 4-Bromophenyl-phenylether	16.554	248	192811	22.566	ng/ul#	88
69) Hexachlorobenzene	16.677	284	237630	21.377	ng/ul#	84
70) Atrazine	16.818	200	180534	19.135	ng/ul	96
71) Pentachlorophenol	17.012	266	132360	18.762	ng/ul	97
72) Phenanthrene	17.407	178	891453	20.162	ng/ul	99
74) Anthracene	17.495	178	903504	20.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.430	216	335526	25.055	ng/uL	98
76) Pentachlorobenzene	14.948	250	304770	24.304	ng/uL	98
77) Carbazole	17.759	167	747649	18.766	ng/ul	99
78) Di-n-butylphthalate	18.330	149	819478	18.870	ng/ul#	97
80) Fluoranthene	19.418	202	959962	21.347	ng/ul#	91
82) Pyrene	19.777	202	979796	21.063	ng/ul#	91
83) Butylbenzylphthalate	20.671	149	312576	19.636	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.447	252	241091	17.785	ng/ul	98
85) Benzo(a)anthracene	21.518	228	932592	20.297	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.447	149	438596	18.823	ng/ul#	98
87) Chrysene	21.571	228	898989	20.029	ng/ul	98
89) Di-n-octyl phthalate	22.389	149	725019	15.295	ng/ul	100
90) Benzo(b)fluoranthene	23.230	252	994170	18.825	ng/ul#	98
91) Benzo(k)fluoranthene	23.283	252	965872m	19.462	ng/ul	
93) Benzo(a)pyrene	23.871	252	989439	19.954	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.524	276	1210332	23.381	ng/ul	95
95) Dibenzo(a,h)anthracene	26.541	278	1051810	23.549	ng/ul	95
96) Benzo(g,h,i)perylene	27.306	276	1034118	23.905	ng/ul#	96

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

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