Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030222\
Data File : BM034111.D
Acq On : 02 Mar 2022 09:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020096

Quant Time: Mar 02 11:07:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 01 03:48:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	149245	20.000	ng/ul	0.00
20) Naphthalene-d8	10.807	136	592995	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.631	164	434583	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.372	188	977724	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.542	240	1026762	20.000	ng/ul	# 0.00
88) Perylene-d12	23.989	264	985659	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	24127	7.454	ng/uL	0.00
4) Pyridine-d5	3.790	84	157858	18.559	ng/ul	0.00
7) Phenol-d5	7.143	99	197071	18.489	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.314	67	113022	19.100	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	177836	19.353	ng/ul	0.00
15) 4-Methylphenol-d8	8.696	113	171553	18.909	ng/ul	0.00
21) Nitrobenzene-d5	9.155	128	86743	19.366	ng/ul	0.00
24) 2-Nitrophenol-d4	9.884	143	98567	19.359	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	206914	20.082	ng/ul	0.00
31) 4-Chloroaniline-d4	10.937	131	249261	19.183	ng/ul	0.00
46) Dimethylphthalate-d6	14.037	166	658209	20.018	ng/ul	0.00
49) Acenaphthylene-d8	14.325	160	797898	19.924	ng/ul	0.00
54) 4-Nitrophenol-d4	14.807	143	109877	19.509	ng/ul	0.00
60) Fluorene-d10	15.619	176	576783	20.295	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.731	200	116148	18.196	ng/ul	0.00
73) Anthracene-d10	17.472	188	941235	19.908	ng/ul	0.00
81) Pyrene-d10	19.754	212	1082746	19.562	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.830	264	990884	19.726	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	24215	7.622	ng/uL#	81
5) Pyridine	3.814	79	162049	18.668	ng/ul#	77
6) Benzaldehyde	7.119	77	133834	22.110	ng/ul#	78
8) Phenol	7.166	94	195039	18.743	ng/ul	87
10) Bis(2-Chloroethyl)ether	7.408	93	156267	19.064	ng/ul#	85
12) 2-Chlorophenol	7.555	128	181765	19.931	ng/ul#	80
13) 2-Methylphenol	8.431	108	153278	18.742	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.531	45	168182	18.802	ng/ul#	89
16) Acetophenone	8.813	105	274463	19.453	ng/ul#	83
17) N-Nitroso-di-n-propyla...	8.808	70	128484	19.965	ng/ul#	88
18) 4-Methylphenol	8.760	108	169938	19.160	ng/ul	100
19) Hexachloroethane	9.084	117	74017	19.381	ng/ul#	69
22) Nitrobenzene	9.196	77	190692	19.847	ng/ul#	89
23) Isophorone	9.731	82	347574	19.622	ng/ul#	89
25) 2-Nitrophenol	9.913	139	105605	20.090	ng/ul#	74
26) 2,4-Dimethylphenol	9.972	107	210903	20.033	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.213	93	211140	19.659	ng/ul#	96
29) 2,4-Dichlorophenol	10.449	162	198721	20.082	ng/ul	94
30) Naphthalene	10.860	128	586124	19.723	ng/ul	98
32) 4-Chloroaniline	10.960	127	251316	19.565	ng/ul	100
33) Hexachlorobutadiene	11.160	225	150349	19.781	ng/ul	97
34) Caprolactam	11.719	113	49322	18.353	ng/ul#	58
35) 4-Chloro-3-methylphenol	12.078	107	189945	20.499	ng/ul#	75
36) 2-Methylnaphthalene	12.466	142	437997	20.191	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.684	142	443872	20.185	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.837	216	279543	19.362	ng/ul#	94
40) Hexachlorocyclopentadiene	12.819	237	187202	19.013	ng/ul	99
41) 2,4,6-Trichlorophenol	13.066	196	175455	19.894	ng/ul	97
42) 2,4,5-Trichlorophenol	13.137	196	194211	20.022	ng/ul	95
43) 1,1'-Biphenyl	13.472	154	625783	19.535	ng/ul#	95
44) 2-Chloronaphthalene	13.513	162	491583	19.752	ng/ul	94
45) 2-Nitroaniline	13.701	65	111517	19.904	ng/ul#	69
47) Dimethylphthalate	14.084	163	639141	20.079	ng/ul	100
48) 2,6-Dinitrotoluene	14.195	165	125656	20.171	ng/ul	87
50) Acenaphthylene	14.354	152	784641	19.950	ng/ul	99
51) 3-Nitroaniline	14.519	138	121155	19.995	ng/ul#	74
52) Acenaphthene	14.695	153	520193	19.930	ng/ul	97
53) 2,4-Dinitrophenol	14.725	184	73844	17.869	ng/ul#	73
55) 4-Nitrophenol	14.819	109	103645	20.217	ng/ul#	78
56) Dibenzofuran	15.031	168	772680	20.158	ng/ul	93
57) 2,4-Dinitrotoluene	14.978	165	186131	20.563	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.248	232	172762	20.583	ng/ul#	88
59) Diethylphthalate	15.448	149	647768	20.384	ng/ul	98
61) Fluorene	15.678	166	649426	20.314	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.672	204	350916	20.524	ng/ul	87
63) 4-Nitroaniline	15.678	138	130414	21.037	ng/ul	81
66) 4,6-Dinitro-2-methylph...	15.742	198	113553	18.203	ng/ul#	83
67) N-Nitrosodiphenylamine	15.878	169	561968	19.795	ng/ul	99
68) 4-Bromophenyl-phenylether	16.560	248	208137	19.512	ng/ul	90
69) Hexachlorobenzene	16.683	284	254370	19.662	ng/ul#	89
70) Atrazine	16.825	200	224753	19.290	ng/ul	98
71) Pentachlorophenol	17.019	266	154678	18.360	ng/ul	97
72) Phenanthrene	17.413	178	1043598	19.678	ng/ul	99
74) Anthracene	17.507	178	1077984	20.072	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.437	216	294244	19.065	ng/uL	96
76) Pentachlorobenzene	14.948	250	292495	19.159	ng/uL	97
77) Carbazole	17.772	167	922665	19.713	ng/ul	99
78) Di-n-butylphthalate	18.342	149	1085728	19.897	ng/ul	99
80) Fluoranthene	19.424	202	1260049	19.703	ng/ul#	90
82) Pyrene	19.789	202	1317883	19.949	ng/ul#	87
83) Butylbenzylphthalate	20.677	149	453661	19.475	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.454	252	418261	19.216	ng/ul	98
85) Benzo(a)anthracene	21.530	228	1245474	19.844	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.460	149	691843	19.263	ng/ul#	99
87) Chrysene	21.583	228	1215352	19.720	ng/ul	99
89) Di-n-octyl phthalate	22.401	149	1091928	18.001	ng/ul	100
90) Benzo(b)fluoranthene	23.242	252	1208693	19.338	ng/ul#	97
91) Benzo(k)fluoranthene	23.295	252	1194164	20.295	ng/ul#	98
93) Benzo(a)pyrene	23.883	252	1200119	20.055	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.548	276	1345757	20.207	ng/ul	97
95) Dibenzo(a,h)anthracene	26.565	278	1164356	20.196	ng/ul	97
96) Benzo(g,h,i)perylene	27.336	276	1133308	20.149	ng/ul	96

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

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