Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034179.D
Acq On : 09 Mar 2022 10:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020100

Quant Time: Mar 09 12:03:46 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	154977	20.000	ng/ul	0.00
20) Naphthalene-d8	10.801	136	592531	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.624	164	363296	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.365	188	739646	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.536	240	772496	20.000	ng/ul	0.00
88) Perylene-d12	23.983	264	862495	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	32036	9.507	ng/uL	0.00
4) Pyridine-d5	3.790	84	205480	20.949	ng/ul	0.00
7) Phenol-d5	7.137	99	238668	19.654	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	132807	20.319	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	210702	20.932	ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	194263	19.092	ng/ul	0.00
21) Nitrobenzene-d5	9.148	128	100291	21.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.878	143	108258	21.711	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	214904	20.899	ng/ul	0.00
31) 4-Chloroaniline-d4	10.931	131	266663	18.980	ng/ul	0.00
46) Dimethylphthalate-d6	14.030	166	569634	20.663	ng/ul	0.00
49) Acenaphthylene-d8	14.319	160	739195	21.442	ng/ul	0.00
54) 4-Nitrophenol-d4	14.801	143	99670	19.430	ng/ul	0.00
60) Fluorene-d10	15.613	176	504070	20.544	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	90230	18.903	ng/ul	0.00
73) Anthracene-d10	17.465	188	765551	21.011	ng/ul	0.00
81) Pyrene-d10	19.748	212	884609	20.833	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.824	264	952943	20.828	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	30339	8.317	ng/uL#	71
5) Pyridine	3.807	79	208511	21.026	ng/ul#	69
6) Benzaldehyde	7.119	77	101300	16.254	ng/ul#	75
8) Phenol	7.166	94	240480	19.578	ng/ul#	80
10) Bis(2-Chloroethyl)ether	7.401	93	191567	20.097	ng/ul#	83
12) 2-Chlorophenol	7.548	128	215220	20.699	ng/ul#	79
13) 2-Methylphenol	8.425	108	179691	18.762	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.525	45	167654	19.816	ng/ul#	80
16) Acetophenone	8.813	105	304699	19.007	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.801	70	139495	19.048	ng/ul#	77
18) 4-Methylphenol	8.754	108	196209	18.757	ng/ul	99
19) Hexachloroethane	9.084	117	87463	20.455	ng/ul#	58
22) Nitrobenzene	9.189	77	217637	20.963	ng/ul#	88
23) Isophorone	9.725	82	373261	19.941	ng/ul#	92
25) 2-Nitrophenol	9.907	139	116452	21.432	ng/ul#	73
26) 2,4-Dimethylphenol	9.966	107	225914	20.556	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.207	93	236695	20.170	ng/ul#	98
29) 2,4-Dichlorophenol	10.442	162	207138	20.382	ng/ul	93
30) Naphthalene	10.854	128	645321	20.342	ng/ul	98
32) 4-Chloroaniline	10.954	127	269194	18.816	ng/ul	99
33) Hexachlorobutadiene	11.148	225	164517	21.256	ng/ul	95
34) Caprolactam	11.713	113	52496	17.166	ng/ul#	51
35) 4-Chloro-3-methylphenol	12.077	107	190676	19.202	ng/ul#	74
36) 2-Methylnaphthalene	12.460	142	452507	19.887	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.677	142	457308	19.616	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.830	216	280379	22.094	ng/ul#	95
40) Hexachlorocyclopentadiene	12.813	237	189755	22.148	ng/ul	97
41) 2,4,6-Trichlorophenol	13.060	196	168768	21.786	ng/ul	97
42) 2,4,5-Trichlorophenol	13.130	196	184642	21.612	ng/ul	96
43) 1,1'-Biphenyl	13.466	154	598999	21.177	ng/ul#	97
44) 2-Chloronaphthalene	13.507	162	475741	21.399	ng/ul	95
45) 2-Nitroaniline	13.701	65	106318	20.782	ng/ul#	60
47) Dimethylphthalate	14.077	163	561440	20.135	ng/ul	100
48) 2,6-Dinitrotoluene	14.195	165	113777	20.529	ng/ul#	83
50) Acenaphthylene	14.348	152	728555	20.961	ng/ul	99
51) 3-Nitroaniline	14.519	138	85443	16.856	ng/ul#	72
52) Acenaphthene	14.689	153	470805	20.457	ng/ul	98
53) 2,4-Dinitrophenol	14.719	184	62788	17.905	ng/ul#	72
55) 4-Nitrophenol	14.818	109	88106	19.805	ng/ul#	72
56) Dibenzofuran	15.024	168	687514	20.283	ng/ul	92
57) 2,4-Dinitrotoluene	14.977	165	161056	19.873	ng/ul#	68
58) 2,3,4,6-Tetrachlorophenol	15.248	232	149644	20.207	ng/ul#	84
59) Diethylphthalate	15.442	149	538638	19.679	ng/ul	98
61) Fluorene	15.671	166	549566	19.710	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.666	204	298973	19.915	ng/ul#	87
63) 4-Nitroaniline	15.677	138	76229	16.256	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.736	198	91897	19.066	ng/ul#	84
67) N-Nitrosodiphenylamine	15.871	169	465687	21.115	ng/ul	98
68) 4-Bromophenyl-phenylether	16.560	248	175797	21.739	ng/ul#	86
69) Hexachlorobenzene	16.677	284	220514	20.960	ng/ul#	87
70) Atrazine	16.818	200	178945	20.041	ng/ul	96
71) Pentachlorophenol	17.012	266	128789	19.289	ng/ul	95
72) Phenanthrene	17.407	178	851259	20.343	ng/ul	99
74) Anthracene	17.501	178	863791	20.428	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.430	216	281678	22.225	ng/uL	96
76) Pentachlorobenzene	14.948	250	273249	23.024	ng/uL	96
77) Carbazole	17.765	167	750227	19.897	ng/ul	99
78) Di-n-butylphthalate	18.336	149	825329	20.080	ng/ul#	98
80) Fluoranthene	19.418	202	1011372	20.291	ng/ul#	92
82) Pyrene	19.777	202	1040903	20.189	ng/ul#	91
83) Butylbenzylphthalate	20.671	149	349703	19.821	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.453	252	276589	18.409	ng/ul#	96
85) Benzo(a)anthracene	21.524	228	1045466	20.529	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.453	149	508499	19.690	ng/ul#	99
87) Chrysene	21.577	228	1022598	20.556	ng/ul	98
89) Di-n-octyl phthalate	22.389	149	849723	15.857	ng/ul	100
90) Benzo(b)fluoranthene	23.236	252	1150255	19.267	ng/ul#	98
91) Benzo(k)fluoranthene	23.283	252	1106703	19.726	ng/ul#	98
93) Benzo(a)pyrene	23.877	252	1145696	20.438	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.535	276	1422361	24.305	ng/ul	96
95) Dibenzo(a,h)anthracene	26.553	278	1222542	24.213	ng/ul	96
96) Benzo(g,h,i)perylene	27.318	276	1205788	24.657	ng/ul#	95

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

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