Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042022\
Data File : BM034725.D
Acq On : 20 Apr 2022 11:24
Operator : CG/JU
Sample : SSTD04021
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040021

Quant Time: Apr 20 12:51:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042022.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 12:46:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	250195	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	969728	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	430297	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	915029	20.000	ng/ul	0.00
79) Chrysene-d12	21.497	240	999274	20.000	ng/ul	0.00
88) Perylene-d12	23.897	264	1065750	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	87765	12.515	ng/uL	0.00
4) Pyridine-d5	3.799	84	560845	37.665	ng/ul	0.00
7) Phenol-d5	7.110	99	742860	34.368	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	436796	30.123	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	645706	38.930	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	592441	34.727	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	278489	38.194	ng/ul	0.00
24) 2-Nitrophenol-d4	9.833	143	293279	37.039	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	624252	43.734	ng/ul	0.00
31) 4-Chloroaniline-d4	10.886	131	810754	42.169	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1291886	40.657	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	1643432	40.284	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	201146	44.154	ng/ul	0.00
60) Fluorene-d10	15.574	176	1134571	42.224	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	188991	36.156	ng/ul	0.00
73) Anthracene-d10	17.421	188	1764492	40.247	ng/ul	0.00
81) Pyrene-d10	19.709	212	2099039	37.479	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	2218292	41.090	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	86724	12.101	ng/uL#	85
5) Pyridine	3.816	79	583638	33.792	ng/ul#	78
6) Benzaldehyde	7.087	77	453621	39.430	ng/ul	99
8) Phenol	7.139	94	732117	33.910	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	582426	33.115	ng/ul	93
12) 2-Chlorophenol	7.516	128	644921	38.178	ng/ul	95
13) 2-Methylphenol	8.392	108	564910	34.764	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.486	45	845597	30.058	ng/ul#	85
16) Acetophenone	8.775	105	899967	33.466	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.769	70	445402	30.834	ng/ul#	85
18) 4-Methylphenol	8.722	108	602259	34.501	ng/ul	99
19) Hexachloroethane	9.039	117	270594	35.795	ng/ul	91
22) Nitrobenzene	9.151	77	644868	33.500	ng/ul	97
23) Isophorone	9.686	82	1201419	34.020	ng/ul	96
25) 2-Nitrophenol	9.863	139	327504	39.246	ng/ul	96
26) 2,4-Dimethylphenol	9.928	107	674942	37.179	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.169	93	759338	36.472	ng/ul	98
29) 2,4-Dichlorophenol	10.398	162	598741	43.480	ng/ul	99
30) Naphthalene	10.810	128	1952415	38.138	ng/ul	99
32) 4-Chloroaniline	10.910	127	805924	41.263	ng/ul	99
33) Hexachlorobutadiene	11.104	225	413363	43.384	ng/ul	99
34) Caprolactam	11.680	113	141904m	46.168	ng/ul	
35) 4-Chloro-3-methylphenol	12.033	107	578475	38.337	ng/ul	98
36) 2-Methylnaphthalene	12.416	142	1357881	40.858	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	1354258	39.848	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	731700	58.066	ng/ul	98
40) Hexachlorocyclopentadiene	12.774	237	492752	62.075	ng/ul	96
41) 2,4,6-Trichlorophenol	13.016	196	458645	58.771	ng/ul	95
42) 2,4,5-Trichlorophenol	13.086	196	480838	61.529	ng/ul	98
43) 1,1'-Biphenyl	13.421	154	1814106	54.811	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	1397727	55.304	ng/ul	99
45) 2-Nitroaniline	13.657	65	316519	42.666	ng/ul	96
47) Dimethylphthalate	14.045	163	1223057	39.562	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	233948	38.730	ng/ul	90
50) Acenaphthylene	14.304	152	1594742	38.730	ng/ul	99
51) 3-Nitroaniline	14.474	138	214032	46.907	ng/ul#	99
52) Acenaphthene	14.645	153	1042690	37.983	ng/ul	100
53) 2,4-Dinitrophenol	14.680	184	109335	42.509	ng/ul#	87
55) 4-Nitrophenol	14.780	109	147916	37.369	ng/ul#	84
56) Dibenzofuran	14.980	168	1546078	41.290	ng/ul	96
57) 2,4-Dinitrotoluene	14.933	165	336852	40.746	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.204	232	358211	53.800	ng/ul#	92
59) Diethylphthalate	15.410	149	1201278	37.860	ng/ul	98
61) Fluorene	15.627	166	1245898	39.680	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.627	204	695195	46.565	ng/ul	96
63) 4-Nitroaniline	15.639	138	216981	56.805	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.698	198	198582	38.914	ng/ul#	92
67) N-Nitrosodiphenylamine	15.833	169	1070431	38.170	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	458689	48.354	ng/ul	98
69) Hexachlorobenzene	16.633	284	540025	47.908	ng/ul	94
70) Atrazine	16.786	200	429890	41.525	ng/ul	98
71) Pentachlorophenol	16.974	266	330159	61.597	ng/ul	100
72) Phenanthrene	17.362	178	1952064	37.682	ng/ul	99
74) Anthracene	17.456	178	2003947	39.718	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	754319	52.320	ng/uL	99
76) Pentachlorobenzene	14.904	250	638296	47.087	ng/uL	99
77) Carbazole	17.721	167	1712100	40.250	ng/ul	99
78) Di-n-butylphthalate	18.303	149	2009405	36.371	ng/ul	99
80) Fluoranthene	19.374	202	2397914	37.259	ng/ul	99
82) Pyrene	19.739	202	2434890	35.973	ng/ul	100
83) Butylbenzylphthalate	20.644	149	843435	31.029	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.415	252	895222	50.506	ng/ul	98
85) Benzo(a)anthracene	21.480	228	2444700	41.615	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1321717	32.695	ng/ul	97
87) Chrysene	21.533	228	2368062	37.878	ng/ul	99
89) Di-n-octyl phthalate	22.356	149	2194562	29.147	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	2693673	41.816	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	2431950	37.325	ng/ul	99
93) Benzo(a)pyrene	23.797	252	2589773	40.356	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.397	276	3114135	44.350	ng/ul	99
95) Dibenzo(a,h)anthracene	26.415	278	2685405	48.737	ng/ul	100
96) Benzo(g,h,i)perylene	27.162	276	2651332	41.734	ng/ul	99

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

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