Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042022\
Data File : BM034723.D
Acq On : 20 Apr 2022 10:12
Operator : CG/JU
Sample : SSTD01019
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010019

Quant Time: Apr 20 12:49:55 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	218105	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	856468	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.580	164	522165	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	1018074	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.497	240	965938	20.000	ng/ul	# 0.00
88) Perylene-d12	23.897	264	977363	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	19368	3.168	ng/uL	0.00
4) Pyridine-d5	3.804	84	116987	9.012	ng/ul	0.00
7) Phenol-d5	7.104	99	159456	8.463	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	95082	7.522	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	135747	9.388	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	126171	8.484	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	51931	8.064	ng/ul	0.00
24) 2-Nitrophenol-d4	9.833	143	48807	6.979	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	129318	10.258	ng/ul	0.00
31) 4-Chloroaniline-d4	10.886	131	178825	10.531	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	373531	9.687	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	490283	9.904	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	47059	8.513	ng/ul	0.00
60) Fluorene-d10	15.568	176	327082	10.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	32029	5.507	ng/ul	0.00
73) Anthracene-d10	17.415	188	490393	10.054	ng/ul	0.00
81) Pyrene-d10	19.703	212	524275	9.684	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.738	264	481728	9.730	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	20590	3.296	ng/uL#	83
5) Pyridine	3.822	79	125003	8.302	ng/ul#	79
6) Benzaldehyde	7.087	77	108792	10.848	ng/ul	98
8) Phenol	7.134	94	161469	8.579	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	126994	8.283	ng/ul	93
12) 2-Chlorophenol	7.510	128	139848	9.497	ng/ul	95
13) 2-Methylphenol	8.387	108	119481	8.435	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.492	45	187468	7.644	ng/ul#	86
16) Acetophenone	8.769	105	197697	8.433	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.757	70	95709	7.600	ng/ul#	82
18) 4-Methylphenol	8.716	108	128182	8.423	ng/ul	100
19) Hexachloroethane	9.039	117	58786	8.921	ng/ul	94
22) Nitrobenzene	9.145	77	128349	7.549	ng/ul	95
23) Isophorone	9.681	82	254978	8.175	ng/ul	97
25) 2-Nitrophenol	9.863	139	57032	7.738	ng/ul	95
26) 2,4-Dimethylphenol	9.922	107	146505	9.137	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.163	93	160587	8.733	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	127277	10.465	ng/ul	99
30) Naphthalene	10.804	128	438423	9.696	ng/ul	99
32) 4-Chloroaniline	10.904	127	178165	10.328	ng/ul	99
33) Hexachlorobutadiene	11.104	225	90838	10.795	ng/ul	96
34) Caprolactam	11.675	113	27579m	10.159	ng/ul	
35) 4-Chloro-3-methylphenol	12.027	107	119632	8.977	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	299869	10.216	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	305966	10.193	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	159475	10.429	ng/ul#	96
40) Hexachlorocyclopentadiene	12.769	237	95693	9.934	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	93001	9.821	ng/ul	94
42) 2,4,5-Trichlorophenol	13.080	196	97808	10.314	ng/ul	99
43) 1,1'-Biphenyl	13.421	154	403102	10.036	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	312177	10.179	ng/ul	98
45) 2-Nitroaniline	13.651	65	51351	5.704	ng/ul	95
47) Dimethylphthalate	14.039	163	367033	9.784	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	51881	7.078	ng/ul	95
50) Acenaphthylene	14.304	152	486912	9.745	ng/ul	100
51) 3-Nitroaniline	14.474	138	52251	9.437	ng/ul#	91
52) Acenaphthene	14.645	153	320860	9.632	ng/ul	99
53) 2,4-Dinitrophenol	14.674	184	20735	6.643	ng/ul	91
55) 4-Nitrophenol	14.768	109	40849	8.504	ng/ul	90
56) Dibenzofuran	14.980	168	454505	10.003	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	71854	7.162	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.204	232	75960	9.401	ng/ul	95
59) Diethylphthalate	15.404	149	362390	9.412	ng/ul	99
61) Fluorene	15.627	166	368774	9.679	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.621	204	183026	10.102	ng/ul	92
63) 4-Nitroaniline	15.627	138	56520	12.194	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	32680	5.756	ng/ul	98
67) N-Nitrosodiphenylamine	15.833	169	305868	9.803	ng/ul	98
68) 4-Bromophenyl-phenylether	16.515	248	105412	9.987	ng/ul	94
69) Hexachlorobenzene	16.633	284	124703	9.943	ng/ul	97
70) Atrazine	16.780	200	103209	8.960	ng/ul	95
71) Pentachlorophenol	16.968	266	60553	10.154	ng/ul	98
72) Phenanthrene	17.362	178	558752	9.694	ng/ul	100
74) Anthracene	17.451	178	564516	10.056	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	160689	10.017	ng/uL	99
76) Pentachlorobenzene	14.898	250	151001	10.012	ng/uL	98
77) Carbazole	17.715	167	498351	10.530	ng/ul	99
78) Di-n-butylphthalate	18.298	149	563540	9.168	ng/ul	99
80) Fluoranthene	19.374	202	617687	9.929	ng/ul#	94
82) Pyrene	19.733	202	641567	9.806	ng/ul#	92
83) Butylbenzylphthalate	20.645	149	213448	8.124	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.409	252	195273	11.397	ng/ul#	98
85) Benzo(a)anthracene	21.480	228	604077	10.638	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	355343	9.093	ng/ul	98
87) Chrysene	21.533	228	586458	9.704	ng/ul	98
89) Di-n-octyl phthalate	22.356	149	577732	8.367	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	586544	9.929	ng/ul	99
91) Benzo(k)fluoranthene	23.215	252	543715	9.099	ng/ul	99
93) Benzo(a)pyrene	23.791	252	571821	9.716	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.385	276	697734	10.835	ng/ul	99
95) Dibenzo(a,h)anthracene	26.409	278	601978	11.913	ng/ul	99
96) Benzo(g,h,i)perylene	27.150	276	597255	10.251	ng/ul	98

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

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