Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034144.D
Acq On : 08 Mar 2022 09:55
Operator : CG/JU
Sample : SSTD01040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010040

Quant Time: Mar 08 11:31:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 11:29:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	150036	20.000	ng/ul	0.00
20) Naphthalene-d8	10.807	136	611203	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.630	164	421398	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	908309	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.542	240	920308	20.000	ng/ul	# 0.00
88) Perylene-d12	23.983	264	872533	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	14146	4.347	ng/uL	0.00
4) Pyridine-d5	3.790	84	94951	11.104	ng/ul	0.00
7) Phenol-d5	7.143	99	117216	10.939	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	67360	11.323	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	101809	11.021	ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	96767	10.610	ng/ul	0.00
21) Nitrobenzene-d5	9.154	128	49049	10.624	ng/ul	0.00
24) 2-Nitrophenol-d4	9.878	143	50945	9.708	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	109463	10.307	ng/ul	0.00
31) 4-Chloroaniline-d4	10.937	131	142078	10.608	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	338987	10.632	ng/ul	0.00
49) Acenaphthylene-d8	14.325	160	422630	10.884	ng/ul	0.00
54) 4-Nitrophenol-d4	14.801	143	52834	9.674	ng/ul	0.00
60) Fluorene-d10	15.619	176	301802	10.952	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	52032	8.774	ng/ul	0.00
73) Anthracene-d10	17.466	188	474644	10.806	ng/ul	0.00
81) Pyrene-d10	19.754	212	554161	11.170	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.824	264	480771	10.812	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	16368	5.125	ng/uL#	67
5) Pyridine	3.813	79	100218	11.484	ng/ul#	68
6) Benzaldehyde	7.119	77	76901	12.637	ng/ul#	76
8) Phenol	7.166	94	120001	11.471	ng/ul#	80
10) Bis(2-Chloroethyl)ether	7.407	93	97247	11.801	ng/ul#	82
12) 2-Chlorophenol	7.554	128	107527	11.728	ng/ul#	76
13) 2-Methylphenol	8.431	108	92174	11.211	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.531	45	86521	9.622	ng/ul#	76
16) Acetophenone	8.813	105	161503	11.386	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.801	70	74965	11.587	ng/ul#	76
18) 4-Methylphenol	8.754	108	101962	11.435	ng/ul	94
19) Hexachloroethane	9.084	117	44740	11.653	ng/ul#	67
22) Nitrobenzene	9.195	77	113742	11.485	ng/ul#	85
23) Isophorone	9.725	82	203617	11.152	ng/ul#	93
25) 2-Nitrophenol	9.913	139	57485	10.610	ng/ul#	69
26) 2,4-Dimethylphenol	9.972	107	120129	11.071	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.207	93	129380	11.688	ng/ul#	97
29) 2,4-Dichlorophenol	10.448	162	111688	10.950	ng/ul	95
30) Naphthalene	10.854	128	348092	11.364	ng/ul	99
32) 4-Chloroaniline	10.960	127	146293	11.049	ng/ul	97
33) Hexachlorobutadiene	11.154	225	86523	11.045	ng/ul	93
34) Caprolactam	11.713	113	29418	10.621	ng/ul#	46
35) 4-Chloro-3-methylphenol	12.078	107	106575	11.159	ng/ul#	72
36) 2-Methylnaphthalene	12.466	142	252195	11.279	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.683	142	259658	11.456	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.831	216	159454	11.390	ng/ul#	96
40) Hexachlorocyclopentadiene	12.819	237	95925	10.047	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.066	196	93826	10.972	ng/ul	97
42) 2,4,5-Trichlorophenol	13.131	196	103002	10.951	ng/ul	97
43) 1,1'-Biphenyl	13.466	154	349524	11.253	ng/ul#	97
44) 2-Chloronaphthalene	13.507	162	278474	11.539	ng/ul	95
45) 2-Nitroaniline	13.701	65	60308	11.101	ng/ul#	68
47) Dimethylphthalate	14.078	163	344978	11.177	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	64512	10.680	ng/ul#	84
50) Acenaphthylene	14.348	152	426815	11.192	ng/ul	99
51) 3-Nitroaniline	14.519	138	63867	10.870	ng/ul#	73
52) Acenaphthene	14.689	153	284808	11.253	ng/ul	98
53) 2,4-Dinitrophenol	14.725	184	30083	7.507	ng/ul#	71
55) 4-Nitrophenol	14.819	109	48631	9.783	ng/ul#	73
56) Dibenzofuran	15.025	168	424434	11.419	ng/ul	92
57) 2,4-Dinitrotoluene	14.977	165	94290	10.743	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	15.248	232	87405	10.739	ng/ul#	87
59) Diethylphthalate	15.442	149	329816	10.703	ng/ul	98
61) Fluorene	15.672	166	340954	10.999	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.666	204	186584	11.254	ng/ul#	87
63) 4-Nitroaniline	15.672	138	62869	10.459	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.736	198	53803	9.284	ng/ul#	84
67) N-Nitrosodiphenylamine	15.877	169	291369	11.048	ng/ul	98
68) 4-Bromophenyl-phenylether	16.560	248	103445	10.439	ng/ul#	89
69) Hexachlorobenzene	16.677	284	137873	11.472	ng/ul#	89
70) Atrazine	16.824	200	108747	10.047	ng/ul	96
71) Pentachlorophenol	17.018	266	75415	9.636	ng/ul	98
72) Phenanthrene	17.413	178	550824	11.180	ng/ul	99
74) Anthracene	17.501	178	556269	11.149	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.436	216	170674	11.904	ng/uL	96
76) Pentachlorobenzene	14.948	250	160074	11.287	ng/uL	99
77) Carbazole	17.765	167	473332	10.885	ng/ul	99
78) Di-n-butylphthalate	18.336	149	513867	10.137	ng/ul	98
80) Fluoranthene	19.418	202	653499	11.401	ng/ul#	93
82) Pyrene	19.783	202	678944	11.466	ng/ul#	91
83) Butylbenzylphthalate	20.677	149	207296	9.928	ng/ul#	77
84) 3,3'-Dichlorobenzidine	21.453	252	182540	9.357	ng/ul#	95
85) Benzo(a)anthracene	21.524	228	653898	11.623	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.453	149	298447	9.271	ng/ul#	98
87) Chrysene	21.577	228	631511	11.432	ng/ul	98
89) Di-n-octyl phthalate	22.395	149	467518	8.706	ng/ul	100
90) Benzo(b)fluoranthene	23.236	252	653373	11.809	ng/ul#	97
91) Benzo(k)fluoranthene	23.289	252	587797	11.285	ng/ul#	98
93) Benzo(a)pyrene	23.877	252	603168	11.386	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.536	276	636315	10.793	ng/ul	95
95) Dibenzo(a,h)anthracene	26.553	278	551924	10.815	ng/ul	97
96) Benzo(g,h,i)perylene	27.318	276	535884	10.763	ng/ul#	96

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

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