Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042022\
Data File : BM034724.D
Acq On : 20 Apr 2022 10:48
Operator : CG/JU
Sample : SSTD02020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020020

Quant Time: Apr 20 12:50:30 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	229763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	906730	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	550771	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	1069946	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.498	240	914723	20.000	ng/ul	0.00
88) Perylene-d12	23.897	264	968569	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	44003	6.833	ng/uL	0.00
4) Pyridine-d5	3.799	84	279912	20.470	ng/ul	0.00
7) Phenol-d5	7.104	99	371677	18.725	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	223563	16.789	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	322924	21.201	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	300136	19.157	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	132255	19.398	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	131691	17.787	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	315255	23.621	ng/ul	0.00
31) 4-Chloroaniline-d4	10.886	131	421597	23.452	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	874580	21.503	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	1138843	21.809	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	127697	21.900	ng/ul	0.00
60) Fluorene-d10	15.574	176	754735	21.944	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	91196	14.921	ng/ul	0.00
73) Anthracene-d10	17.421	188	1125120	21.948	ng/ul	0.00
81) Pyrene-d10	19.704	212	1045582	20.395	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	1083245	22.078	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	44306	6.732	ng/uL#	87
5) Pyridine	3.816	79	293198	18.485	ng/ul#	75
6) Benzaldehyde	7.087	77	202536	19.170	ng/ul	99
8) Phenol	7.134	94	372130	18.769	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	297725	18.433	ng/ul	93
12) 2-Chlorophenol	7.510	128	327677	21.123	ng/ul	94
13) 2-Methylphenol	8.393	108	284612	19.072	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	436067	16.879	ng/ul#	84
16) Acetophenone	8.775	105	459451	18.604	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.763	70	227185	17.126	ng/ul#	85
18) 4-Methylphenol	8.716	108	303952	18.961	ng/ul	97
19) Hexachloroethane	9.040	117	137133	19.754	ng/ul	91
22) Nitrobenzene	9.145	77	319425	17.746	ng/ul	95
23) Isophorone	9.681	82	611573	18.521	ng/ul	97
25) 2-Nitrophenol	9.863	139	153308	19.648	ng/ul	98
26) 2,4-Dimethylphenol	9.928	107	342138	20.156	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.163	93	382596	19.654	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	298257	23.164	ng/ul	97
30) Naphthalene	10.804	128	999714	20.885	ng/ul	99
32) 4-Chloroaniline	10.910	127	416921	22.829	ng/ul	98
33) Hexachlorobutadiene	11.104	225	210437	23.621	ng/ul	98
34) Caprolactam	11.675	113	68031	23.672	ng/ul#	72
35) 4-Chloro-3-methylphenol	12.028	107	289674	20.531	ng/ul	96
36) 2-Methylnaphthalene	12.416	142	694480	22.349	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	697539	21.950	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.780	216	367851	22.806	ng/ul#	96
40) Hexachlorocyclopentadiene	12.769	237	239883	23.609	ng/ul	96
41) 2,4,6-Trichlorophenol	13.016	196	228468	22.872	ng/ul	95
42) 2,4,5-Trichlorophenol	13.080	196	239930	23.986	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	927592	21.896	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	716925	22.162	ng/ul	99
45) 2-Nitroaniline	13.651	65	142467	15.003	ng/ul	92
47) Dimethylphthalate	14.039	163	851704	21.524	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	139294	18.016	ng/ul	97
50) Acenaphthylene	14.304	152	1127283	21.389	ng/ul	99
51) 3-Nitroaniline	14.474	138	90729	15.535	ng/ul#	98
52) Acenaphthene	14.645	153	736298	20.955	ng/ul	100
53) 2,4-Dinitrophenol	14.674	184	57749	17.542	ng/ul	95
55) 4-Nitrophenol	14.774	109	107243	21.167	ng/ul#	82
56) Dibenzofuran	14.980	168	1038807	21.675	ng/ul	99
57) 2,4-Dinitrotoluene	14.933	165	200990	18.994	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.204	232	190118	22.308	ng/ul	94
59) Diethylphthalate	15.404	149	857550	21.115	ng/ul	98
61) Fluorene	15.627	166	850456	21.161	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.621	204	428676	22.432	ng/ul	95
63) 4-Nitroaniline	15.627	138	71389	14.601	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.692	198	97312	16.308	ng/ul	96
67) N-Nitrosodiphenylamine	15.833	169	713319	21.753	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	250525	22.586	ng/ul	93
69) Hexachlorobenzene	16.633	284	286613	21.745	ng/ul	95
70) Atrazine	16.786	200	246687	20.378	ng/ul	98
71) Pentachlorophenol	16.968	266	161513	25.770	ng/ul	98
72) Phenanthrene	17.363	178	1280068	21.133	ng/ul	98
74) Anthracene	17.457	178	1293815	21.930	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	374628	22.222	ng/uL	99
76) Pentachlorobenzene	14.904	250	343216	21.653	ng/uL	100
77) Carbazole	17.721	167	1133071	22.781	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1378428	21.338	ng/ul	100
80) Fluoranthene	19.374	202	1197454	20.326	ng/ul	99
82) Pyrene	19.739	202	1226617	19.797	ng/ul	98
83) Butylbenzylphthalate	20.645	149	392986	15.794	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.409	252	382495	23.574	ng/ul	100
85) Benzo(a)anthracene	21.480	228	1227506	22.827	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	634123	17.136	ng/ul	98
87) Chrysene	21.533	228	1192580	20.839	ng/ul	100
89) Di-n-octyl phthalate	22.356	149	1030924	15.066	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	1310665	22.388	ng/ul	100
91) Benzo(k)fluoranthene	23.215	252	1247884	21.074	ng/ul	99
93) Benzo(a)pyrene	23.792	252	1269511	21.767	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.391	276	1522257	23.854	ng/ul	100
95) Dibenzo(a,h)anthracene	26.415	278	1320216	26.365	ng/ul	99
96) Benzo(g,h,i)perylene	27.156	276	1305130	22.605	ng/ul	99

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

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