Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031934.D
Acq On : 28 Aug 2021 16:17
Operator : CG/JU
Sample : SSTD01019
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010016

Manual Integrations APPROVED
mohammad
8/30/2021 10:35:13 AM

Quant Time: Aug 28 23:55:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 28 23:51:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	61821	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	270297	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	204484	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	468496	20.000	ng/ul	0.00
79) Chrysene-d12	21.109	240	548501	20.000	ng/ul	0.00
88) Perylene-d12	23.251	264	612725	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	5785	3.657	ng/uL	0.00
4) Pyridine-d5	3.534	84	30616	7.400	ng/ul	0.01
7) Phenol-d5	6.705	99	45578	8.437	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	28922	8.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.052	132	38764	9.353	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	38815	8.966	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	18529	9.217	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	21075	9.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	44390	10.486	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	61913	10.299	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	155557	10.866	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	179987	9.953	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	22226	8.921	ng/ul	0.00
60) Fluorene-d10	15.151	176	137017	10.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	24560	8.176	ng/ul	0.00
73) Anthracene-d10	17.004	188	217825	9.977	ng/ul	0.00
81) Pyrene-d10	19.310	212	251269	8.306	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	314540	9.945	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	6850	4.200	ng/uL	98
5) Pyridine	3.552	79	34523	7.654	ng/ul	92
6) Benzaldehyde	6.681	77	25628	9.220	ng/ul	97
8) Phenol	6.734	94	47065	8.500	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.963	93	37087	8.599	ng/ul	95
12) 2-Chlorophenol	7.081	128	38850	9.357	ng/ul	98
13) 2-Methylphenol	7.957	108	35867	8.911	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.040	45	50983	7.179	ng/ul#	95
16) Acetophenone	8.334	105	63530	9.325	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	31997	9.455	ng/ul#	98
18) 4-Methylphenol	8.287	108	39727	8.995	ng/ul	94
19) Hexachloroethane	8.557	117	17230	9.862	ng/ul	96
22) Nitrobenzene	8.704	77	48460	9.375	ng/ul	97
23) Isophorone	9.222	82	88952	9.861	ng/ul	98
25) 2-Nitrophenol	9.404	139	22922	9.720	ng/ul	96
26) 2,4-Dimethylphenol	9.469	107	48462	9.909	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.710	93	53532	9.377	ng/ul	99
29) 2,4-Dichlorophenol	9.934	162	42054	10.243	ng/ul	95
30) Naphthalene	10.316	128	133807	9.844	ng/ul	99
32) 4-Chloroaniline	10.451	127	61878	10.260	ng/ul	98
33) Hexachlorobutadiene	10.593	225	29345	10.514	ng/ul	94
34) Caprolactam	11.245	113	12482m	10.510	ng/ul	
35) 4-Chloro-3-methylphenol	11.581	107	44875	10.785	ng/ul	98
36) 2-Methylnaphthalene	11.939	142	105344	10.870	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	106880	10.879	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.316	216	58524	9.435	ng/ul	98
40) Hexachlorocyclopentadiene	12.281	237	21588	5.726	ng/ul	98
41) 2,4,6-Trichlorophenol	12.575	196	37712	9.637	ng/ul	92
42) 2,4,5-Trichlorophenol	12.645	196	42207	10.176	ng/ul	98
43) 1,1'-Biphenyl	12.975	154	142353	9.554	ng/ul	97
44) 2-Chloronaphthalene	13.010	162	115373	9.894	ng/ul	98
45) 2-Nitroaniline	13.239	65	28944	8.834	ng/ul	96
47) Dimethylphthalate	13.622	163	152653	10.884	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	27198	10.069	ng/ul	98
50) Acenaphthylene	13.869	152	166319	9.845	ng/ul	99
51) 3-Nitroaniline	14.081	138	24027	8.514	ng/ul	97
52) Acenaphthene	14.216	153	122850	9.968	ng/ul	98
53) 2,4-Dinitrophenol	14.304	184	14132	8.780	ng/ul	95
55) 4-Nitrophenol	14.404	109	21829	10.323	ng/ul	85
56) Dibenzofuran	14.557	168	181667	10.469	ng/ul	99
57) 2,4-Dinitrotoluene	14.545	165	42137	11.189	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	14.792	232	37509	10.876	ng/ul#	100
59) Diethylphthalate	14.998	149	155733	11.188	ng/ul	99
61) Fluorene	15.210	166	152448	10.666	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	78650	10.934	ng/ul	97
63) 4-Nitroaniline	15.257	138	21741	8.087	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.310	198	24869	8.575	ng/ul#	87
67) N-Nitrosodiphenylamine	15.433	169	132162	9.463	ng/ul	96
68) 4-Bromophenyl-phenylether	16.110	248	47044	9.534	ng/ul	96
69) Hexachlorobenzene	16.210	284	53415	9.538	ng/ul	97
70) Atrazine	16.398	200	49129	9.876	ng/ul	99
71) Pentachlorophenol	16.569	266	30287	8.900	ng/ul	97
72) Phenanthrene	16.951	178	252859	10.115	ng/ul	98
74) Anthracene	17.039	178	255387	9.943	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.934	216	61036	8.403	ng/uL	97
76) Pentachlorobenzene	14.469	250	63097	8.878	ng/uL	100
77) Carbazole	17.321	167	223105	9.992	ng/ul	99
78) Di-n-butylphthalate	17.892	149	259240	10.074	ng/ul	99
80) Fluoranthene	18.974	202	305187	8.182	ng/ul#	95
82) Pyrene	19.339	202	329145	8.514	ng/ul	95
83) Butylbenzylphthalate	20.262	149	119130	9.015	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.045	252	107833	10.774	ng/ul	95
85) Benzo(a)anthracene	21.098	228	342287	9.981	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.045	149	195903	10.056	ng/ul#	96
87) Chrysene	21.151	228	332367	9.850	ng/ul	99
89) Di-n-octyl phthalate	21.898	149	349682	9.190	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	400489	10.147	ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	358850	9.354	ng/ul	98
93) Benzo(a)pyrene	23.156	252	349802	10.015	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.356	276	452923	10.427	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.362	278	383051	10.517	ng/ul	96
96) Benzo(g,h,i)perylene	25.992	276	383669	11.017	ng/ul	95

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

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