Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033121.D
Acq On : 17 Nov 2021 13:35
Operator : CG/JU
Sample : SSTD16009
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160009

Quant Time: Nov 17 14:06:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 13:55:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	86154	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	350471	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.595	164	228059	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.336	188	493766	20.000	ng/ul	0.00
79) Chrysene-d12	21.495	240	479155	20.000	ng/ul	0.01
88) Perylene-d12	23.847	264	485153	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	141986	66.075	ng/uL	0.00
4) Pyridine-d5	3.843	84	993086	163.596	ng/ul	0.00
7) Phenol-d5	7.143	99	1172997	160.112	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.313	67	720849	171.368	ng/ul	0.00
11) 2-Chlorophenol-d4	7.513	132	906152	161.997	ng/ul	0.00
15) 4-Methylphenol-d8	8.690	113	908456	153.528	ng/ul	0.02
21) Nitrobenzene-d5	9.148	128	433821	175.438	ng/ul	0.01
24) 2-Nitrophenol-d4	9.866	143	476024	178.592	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	942600	177.647	ng/ul	0.01
31) 4-Chloroaniline-d4	10.919	131	1214140	155.133	ng/ul	0.01
46) Dimethylphthalate-d6	14.019	166	2664890	168.845	ng/ul	0.01
49) Acenaphthylene-d8	14.295	160	3459844	180.448	ng/ul	0.00
54) 4-Nitrophenol-d4	14.801	143	498892	160.955	ng/ul	0.03
60) Fluorene-d10	15.589	176	2369523	177.021	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.713	200	466941	165.932	ng/ul	0.02
73) Anthracene-d10	17.436	188	3771573	175.477	ng/ul	0.00
81) Pyrene-d10	19.712	212	4340030	180.044	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.700	264	4132006	170.072	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	148140	63.336	ng/uL#	89
5) Pyridine	3.866	79	998879	166.385	ng/ul	99
6) Benzaldehyde	7.125	77	279357	81.005	ng/ul	99
8) Phenol	7.166	94	1157659	155.988	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.407	93	907846	155.461	ng/ul	99
12) 2-Chlorophenol	7.548	128	917317	158.743	ng/ul	98
13) 2-Methylphenol	8.413	108	891083	156.571	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.507	45	1361607	188.280	ng/ul	99
16) Acetophenone	8.813	105	1380552	159.255	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.813	70	758786	177.280	ng/ul	98
18) 4-Methylphenol	8.760	108	925002	155.065	ng/ul	99
19) Hexachloroethane	9.060	117	428000	186.184	ng/ul	96
22) Nitrobenzene	9.189	77	1150287	195.931	ng/ul	100
23) Isophorone	9.731	82	2050510	181.038	ng/ul	99
25) 2-Nitrophenol	9.895	139	498623	171.201	ng/ul	94
26) 2,4-Dimethylphenol	9.948	107	1106415	177.673	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.195	93	1190563	158.495	ng/ul	97
29) 2,4-Dichlorophenol	10.425	162	904377	173.144	ng/ul	96
30) Naphthalene	10.831	128	2879403	160.304	ng/ul	99
32) 4-Chloroaniline	10.942	127	1224831	155.877	ng/ul	99
33) Hexachlorobutadiene	11.107	225	665554	197.505	ng/ul	99
34) Caprolactam	11.766	113	156455	83.091	ng/ul	92
35) 4-Chloro-3-methylphenol	12.060	107	1001814	174.303	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.436	142	2025645	165.807 ng/ul	99
37) 1-Methylnaphthalene	12.654	142	2048793	164.692 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.795	216	1165313	185.305 ng/ul	99
40) Hexachlorocyclopentadiene	12.777	237	866113	236.362 ng/ul	99
41) 2,4,6-Trichlorophenol	13.036	196	748731	185.915 ng/ul	95
42) 2,4,5-Trichlorophenol	13.107	196	811776	183.687 ng/ul	98
43) 1,1'-Biphenyl	13.442	154	2735958	167.324 ng/ul	98
44) 2-Chloronaphthalene	13.483	162	2114282	169.658 ng/ul	98
45) 2-Nitroaniline	13.689	65	702164	210.983 ng/ul	99
47) Dimethylphthalate	14.066	163	2585176	163.544 ng/ul	99
48) 2,6-Dinitrotoluene	14.183	165	545151	185.063 ng/ul#	91
50) Acenaphthylene	14.324	152	3444883	169.804 ng/ul	98
51) 3-Nitroaniline	14.507	138	417697	135.655 ng/ul#	94
52) Acenaphthene	14.666	153	2240302	167.234 ng/ul	99
53) 2,4-Dinitrophenol	14.707	184	321248	169.552 ng/ul	94
55) 4-Nitrophenol	14.819	109	483621	193.337 ng/ul	97
56) Dibenzofuran	15.001	168	3209163	165.304 ng/ul	100
57) 2,4-Dinitrotoluene	14.966	165	777400	178.545 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.218	232	695888	193.893 ng/ul	97
59) Diethylphthalate	15.424	149	2652239	168.190 ng/ul	99
61) Fluorene	15.648	166	2588214	173.508 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.636	204	1328120	176.270 ng/ul	98
63) 4-Nitroaniline	15.677	138	362150	127.228 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.724	198	457909	165.562 ng/ul#	99
67) N-Nitrosodiphenylamine	15.854	169	2263640	164.315 ng/ul	99
68) 4-Bromophenyl-phenylether	16.530	248	851949	179.025 ng/ul	98
69) Hexachlorobenzene	16.642	284	961248	175.364 ng/ul	97
70) Atrazine	16.807	200	909085	174.600 ng/ul	99
71) Pentachlorophenol	16.983	266	645144	195.244 ng/ul	99
72) Phenanthrene	17.383	178	4226454	165.841 ng/ul	98
74) Anthracene	17.471	178	4257642	166.310 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.401	216	1216102	175.420 ng/uL	98
76) Pentachlorobenzene	14.913	250	1196379	173.763 ng/uL	99
77) Carbazole	17.736	167	3822009	167.393 ng/ul	99
78) Di-n-butylphthalate	18.295	149	4524385	171.520 ng/ul	99
80) Fluoranthene	19.383	202	5068456	170.418 ng/ul	99
82) Pyrene	19.748	202	5043349	165.065 ng/ul	99
83) Butylbenzylphthalate	20.630	149	2079334	179.347 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.406	252	1522397	175.226 ng/ul	98
85) Benzo(a)anthracene	21.477	228	4773493	165.203 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.400	149	2876711	178.482 ng/ul	99
87) Chrysene	21.530	228	4616712	162.269 ng/ul	98
89) Di-n-octyl phthalate	22.312	149	4912356	177.785 ng/ul	100
90) Benzo(b)fluoranthene	23.136	252	5022923	170.171 ng/ul	99
91) Benzo(k)fluoranthene	23.189	252	4592114	171.530 ng/ul	99
93) Benzo(a)pyrene	23.753	252	4823699	172.734 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.288	276	5321583	172.399 ng/ul#	95
95) Dibenzo(a,h)anthracene	26.300	278	4560150	172.169 ng/ul	99
96) Benzo(g,h,i)perylene	27.029	276	4730876	175.140 ng/ul	99

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

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