Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010622\
Data File : BM033659.D
Acq On : 06 Jan 2022 12:00
Operator : CG/JU
Sample : SSTD01019
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010019

Quant Time: Jan 06 15:18:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 15:17:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	138583	20.000	ng/ul	0.00
20) Naphthalene-d8	10.801	136	612946	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.619	164	416413	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.354	188	910698	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	995654	20.000	ng/ul	0.00
88) Perylene-d12	23.947	264	995079	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	17048	4.623	ng/uL	0.00
4) Pyridine-d5	3.749	84	110203	10.307	ng/ul	0.00
7) Phenol-d5	7.131	99	131400	10.013	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	83439	9.712	ng/ul	0.00
11) 2-Chlorophenol-d4	7.507	132	101903	11.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.690	113	108517	10.565	ng/ul	0.00
21) Nitrobenzene-d5	9.143	128	51354	10.326	ng/ul	0.00
24) 2-Nitrophenol-d4	9.872	143	52599	10.308	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.413	165	105692	10.960	ng/ul	0.00
31) 4-Chloroaniline-d4	10.925	131	157435	11.011	ng/ul	0.00
46) Dimethylphthalate-d6	14.030	166	360415	11.584	ng/ul	0.00
49) Acenaphthylene-d8	14.313	160	420625	10.906	ng/ul	0.00
54) 4-Nitrophenol-d4	14.789	143	63986	11.327	ng/ul	0.00
60) Fluorene-d10	15.607	176	298193	10.715	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.713	200	46739	8.503	ng/ul	0.00
73) Anthracene-d10	17.454	188	476489	10.587	ng/ul	0.00
81) Pyrene-d10	19.736	212	571146	10.264	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.794	264	562163	10.423	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	17441	4.249	ng/uL#	91
5) Pyridine	3.772	79	116717	10.599	ng/ul	84
6) Benzaldehyde	7.107	77	93280	12.759	ng/ul	86
8) Phenol	7.160	94	137386	10.164	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.396	93	109525	10.771	ng/ul	93
12) 2-Chlorophenol	7.543	128	107543	11.319	ng/ul	89
13) 2-Methylphenol	8.419	108	104166	10.629	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.513	45	158420	9.029	ng/ul	98
16) Acetophenone	8.807	105	181852	10.688	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.795	70	92829	9.981	ng/ul#	89
18) 4-Methylphenol	8.748	108	114460	10.675	ng/ul	98
19) Hexachloroethane	9.078	117	46398	9.666	ng/ul	90
22) Nitrobenzene	9.184	77	132615	9.107	ng/ul	96
23) Isophorone	9.719	82	252362	10.121	ng/ul	97
25) 2-Nitrophenol	9.901	139	58023	10.726	ng/ul#	82
26) 2,4-Dimethylphenol	9.966	107	140238	10.692	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.201	93	155001	11.053	ng/ul	98
29) 2,4-Dichlorophenol	10.442	162	107581	11.021	ng/ul	97
30) Naphthalene	10.848	128	375738	11.000	ng/ul	99
32) 4-Chloroaniline	10.948	127	161528	11.241	ng/ul	98
33) Hexachlorobutadiene	11.148	225	75098	10.510	ng/ul	95
34) Caprolactam	11.701	113	34617	10.515	ng/ul	82
35) 4-Chloro-3-methylphenol	12.072	107	130525	11.391	ng/ul	90
36) 2-Methylnaphthalene	12.460	142	258061	11.140	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.678	142	267753	11.122	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.825	216	136837	10.907	ng/ul	99
40) Hexachlorocyclopentadiene	12.813	237	81847	9.995	ng/ul	99
41) 2,4,6-Trichlorophenol	13.060	196	83382	11.291	ng/ul	95
42) 2,4,5-Trichlorophenol	13.125	196	94138	11.766	ng/ul	92
43) 1,1'-Biphenyl	13.460	154	364028	11.427	ng/ul	97
44) 2-Chloronaphthalene	13.501	162	270587	11.040	ng/ul	97
45) 2-Nitroaniline	13.695	65	83510	9.554	ng/ul#	83
47) Dimethylphthalate	14.072	163	362073	11.720	ng/ul	99
48) 2,6-Dinitrotoluene	14.183	165	64450	10.793	ng/ul	99
50) Acenaphthylene	14.342	152	455833	11.351	ng/ul	99
51) 3-Nitroaniline	14.513	138	70883	12.059	ng/ul	90
52) Acenaphthene	14.683	153	300033	11.257	ng/ul	95
53) 2,4-Dinitrophenol	14.713	184	30276	8.627	ng/ul#	86
55) 4-Nitrophenol	14.807	109	65965	10.804	ng/ul	85
56) Dibenzofuran	15.019	168	428072	11.076	ng/ul	99
57) 2,4-Dinitrotoluene	14.966	165	97884	11.158	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.236	232	79591	11.702	ng/ul	99
59) Diethylphthalate	15.436	149	380154	11.857	ng/ul	100
61) Fluorene	15.666	166	352583	11.095	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.660	204	176283	11.120	ng/ul	99
63) 4-Nitroaniline	15.666	138	74353	12.318	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.730	198	49211	8.988	ng/ul	91
67) N-Nitrosodiphenylamine	15.866	169	302885	11.311	ng/ul	98
68) 4-Bromophenyl-phenylether	16.548	248	95320	10.392	ng/ul	97
69) Hexachlorobenzene	16.666	284	118727	11.234	ng/ul	97
70) Atrazine	16.813	200	112989	10.635	ng/ul	98
71) Pentachlorophenol	17.007	266	68961	11.636	ng/ul	96
72) Phenanthrene	17.401	178	571577	10.879	ng/ul	99
74) Anthracene	17.489	178	579740	10.884	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.425	216	148363	11.296	ng/uL	96
76) Pentachlorobenzene	14.942	250	139664	10.768	ng/uL	98
77) Carbazole	17.754	167	529912	11.007	ng/ul	100
78) Di-n-butylphthalate	18.324	149	634643	11.749	ng/ul	99
80) Fluoranthene	19.407	202	685098	10.445	ng/ul	98
82) Pyrene	19.765	202	715847	10.425	ng/ul	99
83) Butylbenzylphthalate	20.659	149	291428	11.080	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.430	252	247094	10.919	ng/ul	98
85) Benzo(a)anthracene	21.506	228	711434	10.875	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.442	149	482554	12.765	ng/ul	99
87) Chrysene	21.559	228	702822	10.931	ng/ul	98
89) Di-n-octyl phthalate	22.371	149	820712	11.249	ng/ul	100
90) Benzo(b)fluoranthene	23.206	252	730198	10.710	ng/ul	99
91) Benzo(k)fluoranthene	23.253	252	687966	10.898	ng/ul	98
93) Benzo(a)pyrene	23.842	252	690235	10.551	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.488	276	697870	9.809	ng/ul	97
95) Dibenzo(a,h)anthracene	26.506	278	595104	9.616	ng/ul#	97
96) Benzo(g,h,i)perylene	27.271	276	567130	9.346	ng/ul	99

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

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