Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100721\
Data File : BM032354.D
Acq On : 07 Oct 2021 13:24
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020070

Quant Time: Oct 07 13:55:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 07 09:34:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	335549	20.00	ng/ul	0.00
20) Naphthalene-d8	10.407	136	1437544	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.266	164	909952	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1832031	20.00	ng/ul	0.00
79) Chrysene-d12	21.159	240	1767646	20.00	ng/ul	0.00
88) Perylene-d12	23.306	264	1797278	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	65178	7.79	ng/uL	0.00
4) Pyridine-d5	3.384	84	457963	19.37	ng/ul	0.00
7) Phenol-d5	6.801	99	539993	18.92	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.942	67	313510	19.14	ng/ul	0.00
11) 2-Chlorophenol-d4	7.154	132	426342	19.57	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	427105	18.53	ng/ul	0.00
21) Nitrobenzene-d5	8.772	128	197716	19.49	ng/ul	0.00
24) 2-Nitrophenol-d4	9.495	143	213759	19.55	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	429259	19.72	ng/ul	0.00
31) 4-Chloroaniline-d4	10.542	131	597830	18.62	ng/ul	0.00
46) Dimethylphthalate-d6	13.671	166	1212994	19.26	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	1551758	20.28	ng/ul	0.00
54) 4-Nitrophenol-d4	14.471	143	229104	18.53	ng/ul	0.00
60) Fluorene-d10	15.254	176	1050446	19.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	193497	18.53	ng/ul	0.00
73) Anthracene-d10	17.089	188	1608702	20.17	ng/ul	0.00
81) Pyrene-d10	19.377	212	1769789	19.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	1784703	19.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	69486	7.63	ng/uL	97
5) Pyridine	3.402	79	455024	19.46	ng/ul	100
6) Benzaldehyde	6.742	77	325839	24.26	ng/ul	97
8) Phenol	6.831	94	551842	19.09	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.031	93	434546	19.11	ng/ul	97
12) 2-Chlorophenol	7.184	128	438935	19.50	ng/ul	99
13) 2-Methylphenol	8.078	108	418360	18.87	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.148	45	542740	19.27	ng/ul	100
16) Acetophenone	8.436	105	675096	20.00	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.425	70	328118	19.68	ng/ul	99
18) 4-Methylphenol	8.407	108	458162	19.72	ng/ul	99
19) Hexachloroethane	8.701	117	174214	19.46	ng/ul	98
22) Nitrobenzene	8.813	77	476965	19.81	ng/ul	98
23) Isophorone	9.331	82	911499	19.62	ng/ul	100
25) 2-Nitrophenol	9.525	139	237112	19.85	ng/ul	100
26) 2,4-Dimethylphenol	9.601	107	499902	19.57	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.819	93	595355	19.32	ng/ul	99
29) 2,4-Dichlorophenol	10.066	162	416702	19.45	ng/ul	99
30) Naphthalene	10.454	128	1436150	19.49	ng/ul	100
32) 4-Chloroaniline	10.566	127	606615	18.82	ng/ul	99
33) Hexachlorobutadiene	10.766	225	264660	19.15	ng/ul	98
34) Caprolactam	11.295	113	132000	17.09	ng/ul	95
35) 4-Chloro-3-methylphenol	11.707	107	456334	19.36	ng/ul	100
36) 2-Methylnaphthalene	12.072	142	973113	19.42	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.295	142	987392	19.35	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.460	216	503594	20.07	ng/ul	99
40) Hexachlorocyclopentadiene	12.448	237	283553	19.39	ng/ul	99
41) 2,4,6-Trichlorophenol	12.695	196	325131	20.23	ng/ul	99
42) 2,4,5-Trichlorophenol	12.766	196	357250	20.26	ng/ul	99
43) 1,1'-Biphenyl	13.095	154	1302781	19.97	ng/ul	100
44) 2-Chloronaphthalene	13.136	162	995626	20.02	ng/ul	99
45) 2-Nitroaniline	13.336	65	262313	19.75	ng/ul	95
47) Dimethylphthalate	13.718	163	1225488	19.43	ng/ul	99
48) 2,6-Dinitrotoluene	13.830	165	233562	19.87	ng/ul	99
50) Acenaphthylene	13.983	152	1652418	20.41	ng/ul	100
51) 3-Nitroaniline	14.166	138	256174	20.85	ng/ul	99
52) Acenaphthene	14.330	153	1064424	19.91	ng/ul	99
53) 2,4-Dinitrophenol	14.366	184	120862	15.99	ng/ul	98
55) 4-Nitrophenol	14.489	109	185139	18.55	ng/ul	96
56) Dibenzofuran	14.665	168	1522915	19.66	ng/ul	99
57) 2,4-Dinitrotoluene	14.618	165	344188	19.81	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.901	232	291466	20.35	ng/ul	97
59) Diethylphthalate	15.083	149	1200707	19.08	ng/ul	99
61) Fluorene	15.313	166	1188124	19.96	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.307	204	593678	19.75	ng/ul	98
63) 4-Nitroaniline	15.324	138	263077	23.16	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.383	198	192546	18.76	ng/ul	97
67) N-Nitrosodiphenylamine	15.518	169	1049433	20.53	ng/ul	100
68) 4-Bromophenyl-phenylether	16.189	248	348827	19.76	ng/ul	99
69) Hexachlorobenzene	16.324	284	402747	19.80	ng/ul	99
70) Atrazine	16.459	200	372737	19.29	ng/ul	98
71) Pentachlorophenol	16.659	266	231240	18.86	ng/ul	99
72) Phenanthrene	17.036	178	1912522	20.23	ng/ul	100
74) Anthracene	17.124	178	1946453	20.49	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.066	216	526187	20.46	ng/uL	100
76) Pentachlorobenzene	14.595	250	515456	20.18	ng/uL	99
77) Carbazole	17.389	167	1766538	20.85	ng/ul	99
78) Di-n-butylphthalate	17.948	149	1942432	19.85	ng/ul	100
80) Fluoranthene	19.042	202	2201385	20.06	ng/ul	98
82) Pyrene	19.406	202	2280323	20.23	ng/ul	98
83) Butylbenzylphthalate	20.295	149	843343	19.72	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.077	252	724118	22.59	ng/ul	99
85) Benzo(a)anthracene	21.142	228	2111710	19.81	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.071	149	1191537	20.04	ng/ul	100
87) Chrysene	21.194	228	2099298	20.00	ng/ul	99
89) Di-n-octyl phthalate	21.912	149	2080580	20.33	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	2204343	20.16	ng/ul	99
91) Benzo(k)fluoranthene	22.706	252	2022349	20.39	ng/ul	99
93) Benzo(a)pyrene	23.212	252	2075469	20.06	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.430	276	2223616	19.45	ng/ul	99
95) Dibenzo(a,h)anthracene	25.430	278	1909710	19.46	ng/ul	99
96) Benzo(g,h,i)perylene	26.082	276	1889114	18.88	ng/ul	100

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

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