Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060621\
Data File : BM030300.D
Acq On : 04 Jun 2021 17:30
Operator : CG/JU
Sample : SSTD04016
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040016

Manual Integrations APPROVED
mohammad
6/7/2021 12:27:31 PM

Quant Time: Jun 04 18:00:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 04 17:27:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	201398	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	876956	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	577132	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	1160764	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1023117	20.000	ng/ul	0.00
88) Perylene-d12	23.656	264	912723	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	82758	16.818	ng/uL	0.00
4) Pyridine-d5	3.728	84	575563	41.720	ng/ul	0.00
7) Phenol-d5	7.010	99	703383	39.722	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	450410	40.297	ng/ul	0.00
11) 2-Chlorophenol-d4	7.386	132	548756	41.370	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	566892	40.318	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	265925	46.457	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	272439	49.972	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	572628	40.708	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	807860	38.670	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	1677491	38.018	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	2157567	37.936	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	308948	43.330	ng/ul	0.00
60) Fluorene-d10	15.468	176	1492995	38.765	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	266580	47.374	ng/ul	0.00
73) Anthracene-d10	17.309	188	2244958	39.076	ng/ul	0.00
81) Pyrene-d10	19.592	212	2311581	42.150	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.509	264	1998148	38.620	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	84870	16.034	ng/uL	97
5) Pyridine	3.746	79	591914	41.780	ng/ul	97
6) Benzaldehyde	6.998	77	355328	37.606	ng/ul	97
8) Phenol	7.039	94	710503	39.497	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	572522	39.652	ng/ul	100
12) 2-Chlorophenol	7.416	128	556732	40.988	ng/ul	98
13) 2-Methylphenol	8.286	108	529999	38.965	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	922027	38.429	ng/ul	99
16) Acetophenone	8.675	105	884799	38.934	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.663	70	472726	39.434	ng/ul	97
18) 4-Methylphenol	8.616	108	583627	39.848	ng/ul	100
19) Hexachloroethane	8.933	117	233252	40.108	ng/ul	95
22) Nitrobenzene	9.051	77	664108	42.857	ng/ul	97
23) Isophorone	9.575	82	1254175	38.383	ng/ul	99
25) 2-Nitrophenol	9.757	139	301693	49.012	ng/ul	98
26) 2,4-Dimethylphenol	9.816	107	643303	39.281	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.051	93	794913	39.692	ng/ul	100
29) 2,4-Dichlorophenol	10.286	162	549137	40.450	ng/ul	98
30) Naphthalene	10.692	128	1824724	37.925	ng/ul	100
32) 4-Chloroaniline	10.798	127	807833	37.352	ng/ul	98
33) Hexachlorobutadiene	10.980	225	333541	36.059	ng/ul	96
34) Caprolactam	11.569	113	168218m	40.572	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	575150	40.416	ng/ul	98
36) 2-Methylnaphthalene	12.304	142	1340332	37.256	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.521	142	1359052	38.857	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.674	216	682250	36.434	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	407415	31.048	ng/ul	97
41) 2,4,6-Trichlorophenol	12.910	196	441039	41.963	ng/ul	98
42) 2,4,5-Trichlorophenol	12.974	196	482672	42.449	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	1729620	37.578	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	1338978	37.843	ng/ul	99
45) 2-Nitroaniline	13.551	65	379670	46.714	ng/ul	96
47) Dimethylphthalate	13.933	163	1632143	37.448	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	326956	47.070	ng/ul	95
50) Acenaphthylene	14.198	152	2020823	36.794	ng/ul	100
51) 3-Nitroaniline	14.374	138	332339	41.052	ng/ul	99
52) Acenaphthene	14.539	153	1456228	37.535	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	184772	42.370	ng/ul	99
55) 4-Nitrophenol	14.674	109	240235	30.687	ng/ul	99
56) Dibenzofuran	14.874	168	2012030	37.468	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	460557	45.718	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.098	232	387500	40.357	ng/ul	100
59) Diethylphthalate	15.292	149	1651901	37.418	ng/ul	100
61) Fluorene	15.521	166	1720662	37.767	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.515	204	822279	36.809	ng/ul	98
63) 4-Nitroaniline	15.539	138	321833	38.662	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.598	198	263730	45.433	ng/ul#	96
67) N-Nitrosodiphenylamine	15.727	169	1426411	37.676	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	474183	36.295	ng/ul	99
69) Hexachlorobenzene	16.521	284	530224	35.505	ng/ul	98
70) Atrazine	16.674	200	496206	36.539	ng/ul	99
71) Pentachlorophenol	16.862	266	311091	34.110	ng/ul	98
72) Phenanthrene	17.256	178	2584243	37.990	ng/ul	99
74) Anthracene	17.345	178	2667811	38.232	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	669370	35.344	ng/uL	99
76) Pentachlorobenzene	14.798	250	645763	36.759	ng/uL	100
77) Carbazole	17.609	167	2284852	36.134	ng/ul	99
78) Di-n-butylphthalate	18.174	149	2660098	37.874	ng/ul	99
80) Fluoranthene	19.262	202	2839628	42.358	ng/ul	99
82) Pyrene	19.621	202	2963396	42.293	ng/ul	99
83) Butylbenzylphthalate	20.509	149	1048498	43.841	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.286	252	782666	36.131	ng/ul	99
85) Benzo(a)anthracene	21.356	228	2627491	38.978	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1614015	42.057	ng/ul	100
87) Chrysene	21.409	228	2560181	39.017	ng/ul	99
89) Di-n-octyl phthalate	22.168	149	2557186	43.573	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	2554680	41.767	ng/ul	99
91) Benzo(k)fluoranthene	23.009	252	2369714	39.288	ng/ul	99
93) Benzo(a)pyrene	23.556	252	2211887	40.970	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.979	276	2670912	39.497	ng/ul	100
95) Dibenzo(a,h)anthracene	25.991	278	2258232	39.943	ng/ul	99
96) Benzo(g,h,i)perylene	26.697	276	2164912	39.183	ng/ul	99

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

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