Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
Data File : BM030495.D
Acq On : 17 Jun 2021 15:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 15:37:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 17 13:10:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020056

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	198652	20.00	ng/ul	0.00
20) Naphthalene-d8	10.610	136	740486	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	431305	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	843217	20.00	ng/ul	0.00
79) Chrysene-d12	21.356	240	852835	20.00	ng/ul	0.01
88) Perylene-d12	23.632	264	898660	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	39941	7.68	ng/uL	0.04
4) Pyridine-d5	3.751	84	246528m	18.03	ng/ul	0.04
7) Phenol-d5	6.998	99	302736	17.53	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	188966	16.96	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	259187	20.76	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	233305	16.92	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	113722	22.44	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	126458	25.12	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	244663	22.31	ng/ul	0.00
31) 4-Chloroaniline-d4	10.745	131	304169	18.14	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	601820	20.33	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	787279	21.29	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	101066	18.24	ng/ul	0.00
60) Fluorene-d10	15.439	176	527957	19.92	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	83495	17.15	ng/ul	0.00
73) Anthracene-d10	17.286	188	790681	20.62	ng/ul	0.00
81) Pyrene-d10	19.574	212	846471	18.96	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.485	264	925804	20.66	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	40290	7.64	ng/uL	99
5) Pyridine	3.769	79	259083m	17.95	ng/ul	
6) Benzaldehyde	6.975	77	155499	19.22	ng/ul	95
8) Phenol	7.022	94	304823	17.43	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.251	93	243659	17.26	ng/ul	99
12) 2-Chlorophenol	7.392	128	258253	20.05	ng/ul	99
13) 2-Methylphenol	8.263	108	224373	17.25	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.351	45	364527	16.03	ng/ul	98
16) Acetophenone	8.645	105	347644	15.95	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.628	70	155615	14.69	ng/ul	99
18) 4-Methylphenol	8.592	108	233835	16.31	ng/ul	97
19) Hexachloroethane	8.898	117	109733	20.13	ng/ul	94
22) Nitrobenzene	9.022	77	264574	20.33	ng/ul	98
23) Isophorone	9.545	82	460626	19.36	ng/ul	99
25) 2-Nitrophenol	9.727	139	132976	23.85	ng/ul	99
26) 2,4-Dimethylphenol	9.786	107	255359	20.23	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	299354	18.90	ng/ul	100
29) 2,4-Dichlorophenol	10.263	162	230357	21.57	ng/ul	99
30) Naphthalene	10.657	128	734040	19.56	ng/ul	99
32) 4-Chloroaniline	10.769	127	297922	17.76	ng/ul	98
33) Hexachlorobutadiene	10.945	225	161135	23.71	ng/ul	97
34) Caprolactam	11.545	113	58448	17.09	ng/ul	97
35) 4-Chloro-3-methylphenol	11.892	107	208643	19.20	ng/ul	100
36) 2-Methylnaphthalene	12.269	142	511692	19.16	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	512590	18.91	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	284903	22.72	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	161749	20.41	ng/ul	97
41) 2,4,6-Trichlorophenol	12.880	196	176900	23.48	ng/ul	97
42) 2,4,5-Trichlorophenol	12.957	196	188953	23.03	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	638641	20.32	ng/ul	98
44) 2-Chloronaphthalene	13.321	162	500877	20.65	ng/ul	99
45) 2-Nitroaniline	13.527	65	129510	21.36	ng/ul	97
47) Dimethylphthalate	13.904	163	583479	20.18	ng/ul	99
48) 2,6-Dinitrotoluene	14.021	165	117131	22.61	ng/ul	95
50) Acenaphthylene	14.168	152	718040	20.33	ng/ul	99
51) 3-Nitroaniline	14.351	138	117831	19.95	ng/ul	100
52) Acenaphthene	14.510	153	518916	19.78	ng/ul	99
53) 2,4-Dinitrophenol	14.562	184	47882	13.85	ng/ul	98
55) 4-Nitrophenol	14.662	109	78208	18.02	ng/ul	98
56) Dibenzofuran	14.845	168	720098	19.73	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	163568	22.32	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.074	232	153284	23.33	ng/ul	95
59) Diethylphthalate	15.262	149	575806	20.18	ng/ul	99
61) Fluorene	15.492	166	591923	19.31	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	304081	20.60	ng/ul	98
63) 4-Nitroaniline	15.515	138	123460	22.32	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.574	198	82887	17.17	ng/ul	97
67) N-Nitrosodiphenylamine	15.704	169	493427	19.86	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	178154	21.72	ng/ul	95
69) Hexachlorobenzene	16.498	284	201583	21.62	ng/ul	96
70) Atrazine	16.651	200	177277	19.89	ng/ul	98
71) Pentachlorophenol	16.839	266	118031	20.66	ng/ul	98
72) Phenanthrene	17.227	178	882433	19.35	ng/ul	100
74) Anthracene	17.321	178	914058	19.86	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	273045	22.50	ng/uL	99
76) Pentachlorobenzene	14.768	250	260978	22.34	ng/uL	100
77) Carbazole	17.586	167	785450	19.22	ng/ul	99
78) Di-n-butylphthalate	18.150	149	947588	22.14	ng/ul	99
80) Fluoranthene	19.239	202	1041208	18.98	ng/ul	98
82) Pyrene	19.603	202	1076882	18.57	ng/ul	94
83) Butylbenzylphthalate	20.491	149	427081	23.46	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	279189	18.10	ng/ul	98
85) Benzo(a)anthracene	21.339	228	1057464	20.52	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.268	149	661055	23.94	ng/ul	97
87) Chrysene	21.391	228	1026654	20.21	ng/ul	99
89) Di-n-octyl phthalate	22.150	149	1138840	19.68	ng/ul	100
90) Benzo(b)fluoranthene	22.944	252	1113026	19.27	ng/ul	98
91) Benzo(k)fluoranthene	22.991	252	1091486	19.78	ng/ul	97
93) Benzo(a)pyrene	23.532	252	1009473	19.99	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.944	276	1285506	20.69	ng/ul	94
95) Dibenzo(a,h)anthracene	25.956	278	1068871	20.43	ng/ul	97
96) Benzo(g,h,i)perylene	26.650	276	1058109	20.72	ng/ul	96

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

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