Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030812.D
Acq On : 03 Jul 2021 15:49
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020016

Manual Integrations APPROVED
mohammad
7/6/2021 9:26:15 AM

Quant Time: Jul 05 01:04:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 05 01:01:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	110545	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	480656	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	313977	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	648268	20.00	ng/ul	0.00
79) Chrysene-d12	21.303	240	561179	20.00	ng/ul	0.00
88) Perylene-d12	23.550	264	524092	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	20356	7.47	ng/uL	0.00
4) Pyridine-d5	3.675	84	137557	18.78	ng/ul	0.00
7) Phenol-d5	6.934	99	185700	19.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	116544	19.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	151197	20.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	151328	20.40	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	72024	20.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	79010	19.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	156857	20.54	ng/ul	0.00
31) 4-Chloroaniline-d4	10.686	131	206010	19.35	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	442493	20.41	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	559234	19.87	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	67738	16.49	ng/ul	0.00
60) Fluorene-d10	15.386	176	392732	20.42	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	54631	12.88	ng/ul	0.00
73) Anthracene-d10	17.233	188	604613	19.98	ng/ul	0.00
81) Pyrene-d10	19.521	212	630042	21.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	534139	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	20680	7.13	ng/uL	97
5) Pyridine	3.693	79	148122	18.78	ng/ul	98
6) Benzaldehyde	6.916	77	119726m	25.83	ng/ul	
8) Phenol	6.963	94	192665	19.99	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.192	93	146855	19.33	ng/ul	97
12) 2-Chlorophenol	7.334	128	151260	20.40	ng/ul	99
13) 2-Methylphenol	8.204	108	140047	20.05	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.292	45	238940	19.84	ng/ul	100
16) Acetophenone	8.586	105	229011	19.99	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	120266	21.22	ng/ul	99
18) 4-Methylphenol	8.533	108	155157	20.40	ng/ul	97
19) Hexachloroethane	8.839	117	60606	19.50	ng/ul	98
22) Nitrobenzene	8.963	77	183297	20.26	ng/ul	99
23) Isophorone	9.486	82	313466	20.01	ng/ul	99
25) 2-Nitrophenol	9.669	139	86245	20.38	ng/ul	97
26) 2,4-Dimethylphenol	9.728	107	174299	20.38	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.963	93	199063	19.53	ng/ul	99
29) 2,4-Dichlorophenol	10.198	162	151555	20.72	ng/ul	99
30) Naphthalene	10.598	128	474032	19.48	ng/ul	99
32) 4-Chloroaniline	10.710	127	204706	19.36	ng/ul	99
33) Hexachlorobutadiene	10.880	225	96282	19.47	ng/ul	98
34) Caprolactam	11.492	113	42414	19.98	ng/ul	96
35) 4-Chloro-3-methylphenol	11.833	107	154082	21.45	ng/ul	99
36) 2-Methylnaphthalene	12.210	142	343650	20.24	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.433	142	350141	20.37	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.586	216	187918	19.18	ng/ul	98
40) Hexachlorocyclopentadiene	12.563	237	98706	15.44	ng/ul	99
41) 2,4,6-Trichlorophenol	12.827	196	120555	19.54	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	133910	20.34	ng/ul	99
43) 1,1'-Biphenyl	13.227	154	449268	19.39	ng/ul	99
44) 2-Chloronaphthalene	13.268	162	351300	19.28	ng/ul	99
45) 2-Nitroaniline	13.480	65	102847	21.01	ng/ul	98
47) Dimethylphthalate	13.857	163	429928	20.24	ng/ul	100
48) 2,6-Dinitrotoluene	13.974	165	87621	21.41	ng/ul	99
50) Acenaphthylene	14.115	152	516983	19.81	ng/ul	99
51) 3-Nitroaniline	14.304	138	89766	20.59	ng/ul	97
52) Acenaphthene	14.457	153	374495	19.77	ng/ul	98
53) 2,4-Dinitrophenol	14.521	184	36176	13.45	ng/ul	98
55) 4-Nitrophenol	14.610	109	57135	17.39	ng/ul	98
56) Dibenzofuran	14.792	168	534455	20.24	ng/ul	99
57) 2,4-Dinitrotoluene	14.762	165	127124	22.18	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.021	232	108363	20.33	ng/ul	99
59) Diethylphthalate	15.215	149	437594	21.45	ng/ul	99
61) Fluorene	15.445	166	438977	20.17	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	220910	20.38	ng/ul	99
63) 4-Nitroaniline	15.468	138	89263	21.50	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.527	198	53086	12.86	ng/ul	96
67) N-Nitrosodiphenylamine	15.651	169	375518	19.44	ng/ul	100
68) 4-Bromophenyl-phenylether	16.333	248	131431	19.87	ng/ul	98
69) Hexachlorobenzene	16.445	284	153230	20.03	ng/ul	99
70) Atrazine	16.604	200	134270	19.59	ng/ul	98
71) Pentachlorophenol	16.792	266	76140	15.88	ng/ul	98
72) Phenanthrene	17.180	178	686520	19.72	ng/ul	100
74) Anthracene	17.268	178	708545	19.91	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	186800	18.07	ng/uL	97
76) Pentachlorobenzene	14.715	250	183475	18.63	ng/uL	99
77) Carbazole	17.539	167	602529	18.88	ng/ul	100
78) Di-n-butylphthalate	18.098	149	728138	22.39	ng/ul	99
80) Fluoranthene	19.192	202	771630	21.49	ng/ul	97
82) Pyrene	19.550	202	797568	21.14	ng/ul	99
83) Butylbenzylphthalate	20.444	149	301128	24.24	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.227	252	206623	18.68	ng/ul	96
85) Benzo(a)anthracene	21.291	228	695648	19.97	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	458211	25.65	ng/ul	98
87) Chrysene	21.339	228	657085	19.35	ng/ul	99
89) Di-n-octyl phthalate	22.097	149	722923	23.98	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	659593	19.82	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	632649	19.78	ng/ul	99
93) Benzo(a)pyrene	23.456	252	585271	19.56	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.826	276	728815	19.35	ng/ul	97
95) Dibenzo(a,h)anthracene	25.832	278	615823	19.72	ng/ul	99
96) Benzo(g,h,i)perylene	26.521	276	593023	18.87	ng/ul	99

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

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