Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029480.D
Acq On : 15 Apr 2021 00:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Manual Integrations APPROVED
mohammad
4/15/2021 11:46:33 AM

Quant Time: Apr 15 03:19:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 14 17:30:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	102564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	427896	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	270583	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	510198	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	472309	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	474410	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	20502	7.63	ng/uL	0.00
5) Phenol-d5	6.85	99	169047	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	115863	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	132574	20.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	136636	20.63	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	60510	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	63994	20.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	131413	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	102736	13.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	393043	20.28	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	494185	20.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	66683	18.76	ng/ul	0.00
58) Fluorene-d10	15.31	176	319733	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	55806	19.24	ng/ul	0.00
71) Anthracene-d10	17.16	188	466151	20.10	ng/ul	0.00
79) Pyrene-d10	19.45	212	467308	20.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	486647	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	21808	7.735	ng/uL	97
4) Benzaldehyde	6.83	77	88686	18.642	ng/ul	97
6) Phenol	6.87	94	180291	19.666	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.11	93	139786	20.117	ng/ul	97
10) 2-Chlorophenol	7.24	128	142335	20.435	ng/ul	99
11) 2-Methylphenol	8.12	108	131674	20.239	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.21	45	232303	22.733	ng/ul	99
14) Acetophenone	8.50	105	221001	20.412	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.49	70	134470	23.288	ng/ul	97
16) 4-Methylphenol	8.45	108	146424	20.642	ng/ul	99
17) Hexachloroethane	8.75	117	64825	21.399	ng/ul	95
20) Nitrobenzene	8.87	77	186110	20.682	ng/ul	98
21) Isophorone	9.40	82	346246	23.351	ng/ul	99
23) 2-Nitrophenol	9.58	139	73822	20.763	ng/ul	98
24) 2,4-Dimethylphenol	9.64	107	173124	21.159	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.88	93	193253	21.192	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	132198	20.790	ng/ul	98
28) Naphthalene	10.50	128	442620	19.841	ng/ul	99
30) 4-Chloroaniline	10.62	127	108771	13.545	ng/ul	100
31) Hexachlorobutadiene	10.79	225	75945	19.300	ng/ul	96
32) Caprolactam	11.39	113	40091m	21.343	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	153604	22.917	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	321454	20.889	ng/ul	98

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35) 1-Methylnaphthalene	12.35	142	307824	20.550	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	140098	18.064	ng/ul	97
38) Hexachlorocyclopentadiene	12.48	237	88757	17.758	ng/ul	96
39) 2,4,6-Trichlorophenol	12.74	196	99063	20.333	ng/ul	98
40) 2,4,5-Trichlorophenol	12.81	196	107535	20.367	ng/ul	98
41) 1,1'-Biphenyl	13.14	154	415854	19.522	ng/ul	98
42) 2-Chloronaphthalene	13.19	162	316491	19.366	ng/ul	100
43) 2-Nitroaniline	13.39	65	113462	22.557	ng/ul	96
45) Dimethylphthalate	13.77	163	405423	20.349	ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	77753	21.187	ng/ul	93
48) Acenaphthylene	14.03	152	478284	20.000	ng/ul	99
49) 3-Nitroaniline	14.22	138	67281	17.809	ng/ul	95
50) Acenaphthene	14.38	153	352285	19.776	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	40814	18.534	ng/ul	89
53) 4-Nitrophenol	14.53	109	72760	20.384	ng/ul	95
54) Dibenzofuran	14.72	168	472014	19.394	ng/ul	97
55) 2,4-Dinitrotoluene	14.68	165	111022	20.579	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.94	232	82620	19.989	ng/ul	99
57) Diethylphthalate	15.14	149	431990	21.136	ng/ul	99
59) Fluorene	15.36	166	402904	19.683	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	183542	19.130	ng/ul	94
61) 4-Nitroaniline	15.39	138	82068	19.084	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.44	198	57442	19.020	ng/ul	93
65) N-Nitrosodiphenylamine	15.57	169	338292	20.894	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	102198	20.972	ng/ul	93
67) Hexachlorobenzene	16.37	284	111156	20.150	ng/ul	96
68) Atrazine	16.53	200	111792	19.251	ng/ul	99
69) Pentachlorophenol	16.71	266	65001	20.121	ng/ul	98
70) Phenanthrene	17.10	178	591511	20.138	ng/ul	99
72) Anthracene	17.19	178	610472	20.251	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	139222	19.071	ng/uL	100
74) Pentachlorobenzene	14.63	250	136707	20.273	ng/uL	98
75) Carbazole	17.46	167	529160	19.386	ng/ul	99
76) Di-n-butylphthalate	18.03	149	720380	22.906	ng/ul	99
77) Fluoranthene	19.12	202	616751	18.550	ng/ul	98
80) Pyrene	19.47	202	653592	20.896	ng/ul	96
81) Butylbenzylphthalate	20.39	149	315575	24.978	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.16	252	174560	17.205	ng/ul	100
83) Benzo(a)anthracene	21.22	228	587571	19.730	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	513749	24.929	ng/ul	98
85) Chrysene	21.27	228	566743	19.463	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	839287	22.425	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	615298	20.147	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	571674	19.064	ng/ul	99
91) Benzo(a)pyrene	23.34	252	530566	19.583	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	690447	19.472	ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	582823	19.561	ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	553321	19.213	ng/ul	99

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

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