Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120320\
Data File : BM028015.D
Acq On : 03 Dec 2020 12:40
Operator : JU/CG
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020005

Manual Integrations APPROVED
mohammad
12/7/2020 8:50:41 AM

Quant Time: Dec 03 13:54:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 13:12:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	197450	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	793807	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	434218	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	845177	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	797743	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	815365	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	42961	7.67	ng/uL	0.00
4) Pyridine-d5	3.93	84	286795	17.14	ng/ul	0.00
7) Phenol-d5	7.42	99	332358	18.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	208973	16.96	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	281985	21.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	262715	19.31	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	125071	15.36	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	125978	17.28	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	254066	17.52	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	351154	20.52	ng/ul	0.00
46) Dimethylphthalate-d6	14.31	166	660716	19.46	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	849439	20.12	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	121706	19.83	ng/ul	0.00
60) Fluorene-d10	15.89	176	583279	19.32	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	89208	15.95	ng/ul	0.00
73) Anthracene-d10	17.73	188	849836	20.93	ng/ul	0.00
81) Pyrene-d10	19.98	212	870739	18.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	886609	20.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	44145	7.258	ng/uL	100
5) Pyridine	3.96	79	289660	17.451	ng/ul	100
6) Benzaldehyde	7.41	77	152806m	17.830	ng/ul	
8) Phenol	7.45	94	342399	18.658	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.70	93	282723	18.617	ng/ul	100
12) 2-Chlorophenol	7.85	128	291984	21.830	ng/ul	100
13) 2-Methylphenol	8.73	108	253284	19.023	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.82	45	462197	17.504	ng/ul	100
16) Acetophenone	9.13	105	400159	17.726	ng/ul	100
17) N-Nitroso-di-n-propylamine	9.10	70	194478	15.905	ng/ul	100
18) 4-Methylphenol	9.06	108	270980	19.191	ng/ul	100
19) Hexachloroethane	9.40	117	121247	17.498	ng/ul	100
22) Nitrobenzene	9.51	77	310846	11.718	ng/ul	100
23) Isophorone	10.04	82	527094	14.918	ng/ul	100
25) 2-Nitrophenol	10.23	139	144471	18.413	ng/ul	100
26) 2,4-Dimethylphenol	10.27	107	293387	15.749	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.52	93	357995	16.268	ng/ul	100
29) 2,4-Dichlorophenol	10.76	162	247828	17.524	ng/ul	100
30) Naphthalene	11.18	128	900588	20.711	ng/ul	100
32) 4-Chloroaniline	11.27	127	338146	19.962	ng/ul	100
33) Hexachlorobutadiene	11.46	225	160620	14.847	ng/ul	100
34) Caprolactam	12.04	113	67080	16.125	ng/ul	100

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35) 4-Chloro-3-methylphenol	12.37	107	249946	14.872	ng/ul	100
36) 2-Methylnaphthalene	12.76	142	600478	15.715	ng/ul	100
37) 1-Methylnaphthalene	12.98	142	575413	15.663	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	295299	19.025	ng/ul	100
40) Hexachlorocyclopentadiene	13.10	237	161212	16.711	ng/ul	100
41) 2,4,6-Trichlorophenol	13.36	196	179829	19.031	ng/ul	100
42) 2,4,5-Trichlorophenol	13.42	196	193839	19.012	ng/ul	100
43) 1,1'-Biphenyl	13.76	154	750364	20.803	ng/ul	100
44) 2-Chloronaphthalene	13.80	162	589418	20.076	ng/ul	100
45) 2-Nitroaniline	13.99	65	151351	14.500	ng/ul	100
47) Dimethylphthalate	14.36	163	681822	19.394	ng/ul	100
48) 2,6-Dinitrotoluene	14.47	165	132102	19.280	ng/ul	100
50) Acenaphthylene	14.64	152	871816	20.939	ng/ul	100
51) 3-Nitroaniline	14.80	138	127447	20.218	ng/ul	100
52) Acenaphthene	14.97	153	619088	20.800	ng/ul	100
53) 2,4-Dinitrophenol	15.00	184	63472	15.510	ng/ul	100
55) 4-Nitrophenol	15.09	109	91775	13.170	ng/ul	100
56) Dibenzofuran	15.30	168	834671	20.084	ng/ul	100
57) 2,4-Dinitrotoluene	15.26	165	188001	19.662	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.52	232	156261	18.859	ng/ul	100
59) Diethylphthalate	15.70	149	677606	18.775	ng/ul	100
61) Fluorene	15.94	166	686849	20.079	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.93	204	337357	19.097	ng/ul	100
63) 4-Nitroaniline	15.95	138	105903	18.562	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	16.01	198	102722	17.204	ng/ul	100
67) N-Nitrosodiphenylamine	16.14	169	569818	20.129	ng/ul	100
68) 4-Bromophenyl-phenylether	16.82	248	199636	19.535	ng/ul	100
69) Hexachlorobenzene	16.94	284	225911	19.648	ng/ul	100
70) Atrazine	17.07	200	188114	17.616	ng/ul	100
71) Pentachlorophenol	17.27	266	119504	17.669	ng/ul	100
72) Phenanthrene	17.67	178	1045635	21.346	ng/ul	100
74) Anthracene	17.76	178	1061590	21.267	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	287701	18.779	ng/uL	100
76) Pentachlorobenzene	15.23	250	277021	19.317	ng/uL	100
77) Carbazole	18.02	167	900388	21.345	ng/ul	100
78) Di-n-butylphthalate	18.56	149	1072114	20.707	ng/ul	100
80) Fluoranthene	19.65	202	1141156	18.913	ng/ul	100
82) Pyrene	20.01	202	1179928	19.090	ng/ul	100
83) Butylbenzylphthalate	20.86	149	443634	17.525	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.64	252	362224	19.969	ng/ul	100
85) Benzo(a)anthracene	21.72	228	1078864	19.454	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.62	149	664280	18.470	ng/ul	100
87) Chrysene	21.77	228	1064881	19.744	ng/ul	100
89) Di-n-octyl phthalate	22.54	149	1140149	18.464	ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	1102102	19.322	ng/ul	100
91) Benzo(k)fluoranthene	23.46	252	1057407	19.321	ng/ul	100
93) Benzo(a)pyrene	24.04	252	990635	19.370	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.62	276	1199510	20.783	ng/ul	100
95) Dibenzo(a,h)anthracene	26.63	278	1016129	20.875	ng/ul	100
96) Benzo(g,h,i)perylene	27.39	276	1006495	20.687	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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