Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026524.D
Acq On : 24 Jun 2020 06:31
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
Sohil
6/25/2020 7:57:07 AM

Quant Time: Jun 24 10:07:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 23 10:25:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	132293	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	580106	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	370068	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	778673	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	673161	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	555120	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	28020	7.43	ng/uL	0.00
5) Phenol-d5	6.59	99	265406	21.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	172347	22.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	203082	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	215721	22.49	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	101777	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	116959	20.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	217759	20.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	274887	25.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	624359	20.07	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	742464	19.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	98711	19.13	ng/ul	0.00
58) Fluorene-d10	15.04	176	532808	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	105927	20.79	ng/ul	0.00
71) Anthracene-d10	16.89	188	809511	20.42	ng/ul	0.00
79) Pyrene-d10	19.20	212	847220	22.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	633275	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	30708	7.342	ng/uL	99
4) Benzaldehyde	6.54	77	168751	24.102	ng/ul	95
6) Phenol	6.62	94	287901	21.572	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.83	93	220116	22.038	ng/ul	99
10) 2-Chlorophenol	6.95	128	218189	20.481	ng/ul	96
11) 2-Methylphenol	7.84	108	215828	22.251	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.91	45	391459	22.961	ng/ul	98
14) Acetophenone	8.20	105	357747	22.722	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.19	70	204894	21.781	ng/ul	99
16) 4-Methylphenol	8.17	108	236231	22.488	ng/ul	98
17) Hexachloroethane	8.43	117	90717	20.050	ng/ul	90
20) Nitrobenzene	8.57	77	284901	20.317	ng/ul	98
21) Isophorone	9.09	82	536690	20.687	ng/ul	99
23) 2-Nitrophenol	9.27	139	126976	20.115	ng/ul	94
24) 2,4-Dimethylphenol	9.35	107	276475	20.831	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.58	93	306171	20.363	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	219333	20.840	ng/ul	97
28) Naphthalene	10.19	128	706378	20.024	ng/ul	100
30) 4-Chloroaniline	10.31	127	279958	24.823	ng/ul	100
31) Hexachlorobutadiene	10.47	225	142704	20.523	ng/ul	98
32) Caprolactam	11.09	113	72728m	21.974	ng/ul	
33) 4-Chloro-3-methylphenol	11.46	107	257480	21.041	ng/ul	99
34) 2-Methylnaphthalene	11.81	142	501256	20.218	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	471033	20.437	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	274561	20.305	ng/ul	97
38) Hexachlorocyclopentadiene	12.17	237	116482	17.240	ng/ul	97
39) 2,4,6-Trichlorophenol	12.45	196	180522	20.640	ng/ul	98
40) 2,4,5-Trichlorophenol	12.53	196	192226	20.368	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	654647	19.934	ng/ul	99
42) 2-Chloronaphthalene	12.89	162	505475	20.003	ng/ul	100
43) 2-Nitroaniline	13.12	65	184505	20.261	ng/ul	97
45) Dimethylphthalate	13.52	163	649069	20.087	ng/ul	100
46) 2,6-Dinitrotoluene	13.63	165	136053	20.252	ng/ul	91
48) Acenaphthylene	13.75	152	790118	19.872	ng/ul	100
49) 3-Nitroaniline	13.96	138	129322	21.441	ng/ul	98
50) Acenaphthene	14.10	153	546140	19.906	ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	67075	19.543	ng/ul	96
53) 4-Nitrophenol	14.30	109	90603	20.111	ng/ul	96
54) Dibenzofuran	14.44	168	771713	19.924	ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	197832	20.331	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.68	232	166430	20.648	ng/ul	98
57) Diethylphthalate	14.90	149	662642	20.280	ng/ul	100
59) Fluorene	15.10	166	642634	20.101	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.10	204	325118	20.108	ng/ul	98
61) 4-Nitroaniline	15.13	138	132300m	19.322	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	109110	20.838	ng/ul	96
65) N-Nitrosodiphenylamine	15.32	169	544481	20.353	ng/ul	100
66) 4-Bromophenyl-phenylether	16.00	248	202040	20.683	ng/ul	98
67) Hexachlorobenzene	16.11	284	220473	20.173	ng/ul	95
68) Atrazine	16.29	200	205825	22.577	ng/ul	98
69) Pentachlorophenol	16.46	266	115740	22.153	ng/ul	97
70) Phenanthrene	16.83	178	978392	20.033	ng/ul	100
72) Anthracene	16.93	178	1016864	20.314	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	274865	20.852	ng/uL	99
74) Pentachlorobenzene	14.36	250	264424	20.870	ng/uL	99
75) Carbazole	17.20	167	873137	20.990	ng/ul	99
76) Di-n-butylphthalate	17.79	149	1154987	21.215	ng/ul	100
77) Fluoranthene	18.86	202	1125299	21.091	ng/ul	99
80) Pyrene	19.23	202	1142643	23.088	ng/ul	98
81) Butylbenzylphthalate	20.16	149	494029	23.447	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.93	252	315245	20.271	ng/ul	99
83) Benzo(a)anthracene	20.99	228	960813	20.036	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.96	149	710982	22.338	ng/ul	99
85) Chrysene	21.04	228	925662	19.884	ng/ul	99
87) Di-n-octyl phthalate	21.80	149	1109584	27.845	ng/ul	100
88) Benzo(b)fluoranthene	22.48	252	795998	20.909	ng/ul	100
89) Benzo(k)fluoranthene	22.52	252	806884	22.035	ng/ul	100
91) Benzo(a)pyrene	23.00	252	695040	20.725	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.12	276	823991	18.745	ng/ul	98
93) Dibenzo(a,h)anthracene	25.13	278	693648	18.911	ng/ul	100
94) Benzo(g,h,i)perylene	25.73	276	680439	18.530	ng/ul	98

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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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