Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027395.D
Acq On : 11 Sep 2020 04:42
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02016

Manual Integrations APPROVED
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9/11/2020 1:43:47 PM

Quant Time: Sep 11 11:44:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 11 10:31:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	135499	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	570864	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	462086	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1161665	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1423796	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1280022	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	27436	9.01	ng/uL	0.00
5) Phenol-d5	6.75	99	222846	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	150298	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	175823	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	184823	20.29	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	89716	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	102346	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	220336	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	257429	21.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	736617	20.03	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	882977	21.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	128410	19.83	ng/ul	0.00
58) Fluorene-d10	15.20	176	696355	21.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	128453	17.28	ng/ul	0.00
71) Anthracene-d10	17.05	188	1157276	21.07	ng/ul	0.00
79) Pyrene-d10	19.35	212	1407298	22.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1435588	20.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	31156	8.548	ng/uL	94
4) Benzaldehyde	6.72	77	166085	20.630	ng/ul	98
6) Phenol	6.77	94	243336	20.500	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.00	93	189581	19.886	ng/ul	97
10) 2-Chlorophenol	7.13	128	187269	21.955	ng/ul	98
11) 2-Methylphenol	8.01	108	176983	20.201	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	143016	19.894	ng/ul	98
14) Acetophenone	8.38	105	331900	21.710	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	194507	22.235	ng/ul	95
16) 4-Methylphenol	8.34	108	199429	20.854	ng/ul	95
17) Hexachloroethane	8.63	117	94717	22.319	ng/ul	99
20) Nitrobenzene	8.75	77	294862	21.009	ng/ul	100
21) Isophorone	9.28	82	488788	20.519	ng/ul	100
23) 2-Nitrophenol	9.46	139	113422	22.167	ng/ul	94
24) 2,4-Dimethylphenol	9.53	107	257905	22.013	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.76	93	277058	20.473	ng/ul	100
27) 2,4-Dichlorophenol	9.99	162	223894	22.170	ng/ul	96
28) Naphthalene	10.38	128	627935	20.702	ng/ul	99
30) 4-Chloroaniline	10.49	127	270854	22.415	ng/ul	99
31) Hexachlorobutadiene	10.68	225	175124	21.986	ng/ul	98
32) Caprolactam	11.27	113	62363m	19.476	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	241278	22.431	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	508917	22.192	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	481634	21.105	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	332968	21.436	ng/ul	100
38) Hexachlorocyclopentadiene	12.37	237	199148	19.594	ng/ul	100
39) 2,4,6-Trichlorophenol	12.63	196	207436	21.960	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	228606	22.407	ng/ul	97
41) 1,1'-Biphenyl	13.03	154	724979	20.860	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	581612	20.565	ng/ul	99
43) 2-Nitroaniline	13.28	65	189293	22.794	ng/ul	99
45) Dimethylphthalate	13.67	163	774323	19.983	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	158204	21.412	ng/ul	98
48) Acenaphthylene	13.92	152	895076	21.346	ng/ul	98
49) 3-Nitroaniline	14.11	138	146354	22.238	ng/ul	98
50) Acenaphthene	14.27	153	636447	21.136	ng/ul	100
51) 2,4-Dinitrophenol	14.32	184	82120	17.770	ng/ul	98
53) 4-Nitrophenol	14.43	109	147169	21.808	ng/ul	94
54) Dibenzofuran	14.61	168	946821	21.027	ng/ul	99
55) 2,4-Dinitrotoluene	14.58	165	242494	21.292	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.84	232	219466	21.706	ng/ul	97
57) Diethylphthalate	15.05	149	835456	20.677	ng/ul	99
59) Fluorene	15.26	166	826075	21.345	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	445498	21.034	ng/ul	98
61) 4-Nitroaniline	15.28	138	165698	21.691	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.35	198	141461	17.576	ng/ul	95
65) N-Nitrosodiphenylamine	15.47	169	704803	21.515	ng/ul	98
66) 4-Bromophenyl-phenylether	16.16	248	287872	21.407	ng/ul	96
67) Hexachlorobenzene	16.27	284	340244	20.900	ng/ul	99
68) Atrazine	16.44	200	282348	19.895	ng/ul	99
69) Pentachlorophenol	16.61	266	201797	20.198	ng/ul	98
70) Phenanthrene	17.00	178	1386304	20.838	ng/ul	99
72) Anthracene	17.09	178	1422139	20.983	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	337617	22.080	ng/uL	98
74) Pentachlorobenzene	14.53	250	352989	20.933	ng/uL	97
75) Carbazole	17.36	167	1239946	21.614	ng/ul	98
76) Di-n-butylphthalate	17.94	149	1562871	21.936	ng/ul	99
77) Fluoranthene	19.02	202	1778510	21.696	ng/ul	98
80) Pyrene	19.38	202	1879564	21.822	ng/ul	97
81) Butylbenzylphthalate	20.30	149	756980	22.962	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	650568	20.806	ng/ul	98
83) Benzo(a)anthracene	21.14	228	1973597	21.393	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	1202547	23.414	ng/ul	100
85) Chrysene	21.19	228	1899247	20.836	ng/ul	99
87) Di-n-octyl phthalate	21.96	149	2042605	25.697	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1893538	22.407	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	1849412	21.828	ng/ul	100
91) Benzo(a)pyrene	23.23	252	1561738	19.807	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.48	276	1677080	16.202	ng/ul	99
93) Dibenzo(a,h)anthracene	25.49	278	1438733	16.433	ng/ul	100
94) Benzo(g,h,i)perylene	26.13	276	1339587	15.484	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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