Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026914.D
Acq On : 29 Jul 2020 06:34
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02013

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7/30/2020 3:32:27 PM

Quant Time: Jul 29 11:16:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 02:24:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	87110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	335439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	213330	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	449744	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	455133	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	453312	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15958	8.36	ng/uL	0.00
5) Phenol-d5	6.84	99	144558	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	102504	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	108746	19.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	112977	19.24	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	53214	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	49988	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	114389	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	136585	20.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	332603	19.88	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	415322	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	58000	20.50	ng/ul	0.00
58) Fluorene-d10	15.29	176	291304	20.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	39526	19.72	ng/ul	0.00
71) Anthracene-d10	17.14	188	446451	19.86	ng/ul	0.00
79) Pyrene-d10	19.44	212	470381	19.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	511683	20.00	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	18852	7.944	ng/uL	98
4) Benzaldehyde	6.81	77	121864	19.601	ng/ul	97
6) Phenol	6.87	94	153093	18.747	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.10	93	125400	19.405	ng/ul	98
10) 2-Chlorophenol	7.24	128	114090	19.242	ng/ul	99
11) 2-Methylphenol	8.11	108	112427	19.243	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	110598	19.327	ng/ul	98
14) Acetophenone	8.48	105	186833	19.177	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	115665	19.657	ng/ul	99
16) 4-Methylphenol	8.43	108	119926	19.261	ng/ul	98
17) Hexachloroethane	8.74	117	56226	19.896	ng/ul	97
20) Nitrobenzene	8.85	77	174578	20.654	ng/ul	99
21) Isophorone	9.38	82	289946	19.457	ng/ul	99
23) 2-Nitrophenol	9.56	139	58390	21.400	ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	139873	19.624	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.87	93	162937	19.626	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	112959	20.308	ng/ul	99
28) Naphthalene	10.50	128	375446	20.034	ng/ul	99
30) 4-Chloroaniline	10.60	127	137254	19.988	ng/ul	96
31) Hexachlorobutadiene	10.80	225	78683	20.032	ng/ul	98
32) Caprolactam	11.34	113	33008m	19.003	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	123832	19.967	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	269066	20.309	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	261430	20.195	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	142304	19.516	ng/ul	96
38) Hexachlorocyclopentadiene	12.48	237	77468	15.669	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	82571	19.762	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	92564	20.733	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	353089	19.807	ng/ul	97
42) 2-Chloronaphthalene	13.17	162	285003	19.869	ng/ul	97
43) 2-Nitroaniline	13.37	65	94512	22.155	ng/ul	97
45) Dimethylphthalate	13.77	163	352712	20.091	ng/ul	98
46) 2,6-Dinitrotoluene	13.87	165	69193	22.356	ng/ul	95
48) Acenaphthylene	14.02	152	429586	19.862	ng/ul	100
49) 3-Nitroaniline	14.20	138	61689	20.390	ng/ul	100
50) Acenaphthene	14.37	153	300784	20.186	ng/ul	98
51) 2,4-Dinitrophenol	14.40	184	26708	21.550	ng/ul#	84
53) 4-Nitrophenol	14.51	109	62044	21.889	ng/ul	90
54) Dibenzofuran	14.70	168	414853	20.085	ng/ul	98
55) 2,4-Dinitrotoluene	14.66	165	99484	22.371	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.93	232	74481	21.265	ng/ul	99
57) Diethylphthalate	15.14	149	357288	20.296	ng/ul	100
59) Fluorene	15.35	166	350844	20.171	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	172426	19.919	ng/ul	96
61) 4-Nitroaniline	15.36	138	79006	21.306	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.42	198	46209	20.283	ng/ul	99
65) N-Nitrosodiphenylamine	15.57	169	288290	19.595	ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	103866	19.686	ng/ul	97
67) Hexachlorobenzene	16.36	284	120373	20.118	ng/ul	98
68) Atrazine	16.52	200	101854	18.860	ng/ul	98
69) Pentachlorophenol	16.70	266	59452	19.969	ng/ul	99
70) Phenanthrene	17.09	178	546426	20.016	ng/ul	99
72) Anthracene	17.18	178	561431	20.008	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	136790	19.360	ng/uL	100
74) Pentachlorobenzene	14.62	250	134432	19.623	ng/uL	97
75) Carbazole	17.44	167	485148	19.559	ng/ul	99
76) Di-n-butylphthalate	18.03	149	580781	19.904	ng/ul	99
77) Fluoranthene	19.11	202	620924	19.263	ng/ul	99
80) Pyrene	19.47	202	654890	19.777	ng/ul	99
81) Butylbenzylphthalate	20.39	149	241198	19.589	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.15	252	194734	18.096	ng/ul	99
83) Benzo(a)anthracene	21.22	228	620063	19.766	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	366948	19.878	ng/ul	99
85) Chrysene	21.27	228	611426	19.986	ng/ul	100
87) Di-n-octyl phthalate	22.05	149	610186	18.320	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	644215	19.866	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	637977	20.502	ng/ul	98
91) Benzo(a)pyrene	23.35	252	587056	20.062	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	742451	20.453	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	628395	20.468	ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	612541	20.407	ng/ul	99

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

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