Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027222.D
Acq On : 25 Aug 2020 21:22
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
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8/27/2020 3:13:37 PM

Quant Time: Aug 26 01:29:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 25 15:35:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	155201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	621487	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	446263	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1030788	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1080344	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	958075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	22044	8.04	ng/uL	0.00
5) Phenol-d5	6.78	99	238735	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	157144	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	188853	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	196613	19.46	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	92648	18.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	104579	18.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	219609	18.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	252136	19.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	692232	19.55	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	814043	19.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	116962	19.58	ng/ul	0.00
58) Fluorene-d10	15.24	176	601231	19.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	117555	17.48	ng/ul	0.00
71) Anthracene-d10	17.09	188	941737	19.25	ng/ul	0.00
79) Pyrene-d10	19.39	212	1068944	17.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1032655	19.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	25204	7.812	ng/uL	92
4) Benzaldehyde	6.75	77	185796	20.959	ng/ul	96
6) Phenol	6.81	94	253456	19.262	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	204517	19.332	ng/ul	99
10) 2-Chlorophenol	7.17	128	192397	19.435	ng/ul	98
11) 2-Methylphenol	8.05	108	187868	19.201	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	158612	19.365	ng/ul	93
14) Acetophenone	8.42	105	316869	19.576	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	190329	19.529	ng/ul	98
16) 4-Methylphenol	8.37	108	205583	19.595	ng/ul	96
17) Hexachloroethane	8.67	117	91848	19.684	ng/ul	98
20) Nitrobenzene	8.79	77	287157	19.280	ng/ul	98
21) Isophorone	9.32	82	508921	18.960	ng/ul	99
23) 2-Nitrophenol	9.49	139	114214	18.709	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	246523	19.193	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	288182	18.737	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	213151	18.737	ng/ul	99
28) Naphthalene	10.42	128	639397	19.318	ng/ul	100
30) 4-Chloroaniline	10.53	127	251298	19.872	ng/ul	96
31) Hexachlorobutadiene	10.72	225	161046	18.839	ng/ul	99
32) Caprolactam	11.30	113	65652m	19.253	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	234907	19.750	ng/ul	99
34) 2-Methylnaphthalene	12.04	142	479024	19.053	ng/ul	100

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35) 1-Methylnaphthalene	12.26	142	469218	19.121	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	299008	18.739	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	183059	16.962	ng/ul	99
39) 2,4,6-Trichlorophenol	12.66	196	192550	18.955	ng/ul	97
40) 2,4,5-Trichlorophenol	12.73	196	203671	18.866	ng/ul	98
41) 1,1'-Biphenyl	13.07	154	670627	19.148	ng/ul	98
42) 2-Chloronaphthalene	13.10	162	536383	19.039	ng/ul	100
43) 2-Nitroaniline	13.31	65	169948	20.015	ng/ul	97
45) Dimethylphthalate	13.70	163	718000	19.538	ng/ul	100
46) 2,6-Dinitrotoluene	13.82	165	150137	19.825	ng/ul	95
48) Acenaphthylene	13.96	152	802762	19.181	ng/ul	98
49) 3-Nitroaniline	14.14	138	128398	19.887	ng/ul	96
50) Acenaphthene	14.30	153	563428	19.215	ng/ul	99
51) 2,4-Dinitrophenol	14.35	184	73107	16.810	ng/ul	95
53) 4-Nitrophenol	14.46	109	115802	20.453	ng/ul	98
54) Dibenzofuran	14.64	168	819847	19.477	ng/ul	97
55) 2,4-Dinitrotoluene	14.61	165	215601	19.995	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.87	232	190394	19.695	ng/ul	98
57) Diethylphthalate	15.08	149	726204	19.824	ng/ul	99
59) Fluorene	15.29	166	690713	19.350	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	377181	19.338	ng/ul	98
61) 4-Nitroaniline	15.31	138	145847	20.419	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.37	198	128823	17.650	ng/ul	96
65) N-Nitrosodiphenylamine	15.50	169	588544	18.961	ng/ul	99
66) 4-Bromophenyl-phenylether	16.19	248	240540	18.614	ng/ul	99
67) Hexachlorobenzene	16.30	284	282571	19.154	ng/ul	96
68) Atrazine	16.46	200	240591	18.886	ng/ul	97
69) Pentachlorophenol	16.64	266	161719	18.667	ng/ul	98
70) Phenanthrene	17.03	178	1133573	19.268	ng/ul	99
72) Anthracene	17.12	178	1151619	19.216	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	289821	18.106	ng/uL	98
74) Pentachlorobenzene	14.57	250	303356	18.350	ng/uL	100
75) Carbazole	17.39	167	980937	19.856	ng/ul	98
76) Di-n-butylphthalate	17.97	149	1246875	19.723	ng/ul	99
77) Fluoranthene	19.05	202	1392769	19.760	ng/ul	99
80) Pyrene	19.42	202	1430049	17.160	ng/ul	99
81) Butylbenzylphthalate	20.33	149	572700	18.181	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.11	252	501436	19.924	ng/ul	99
83) Benzo(a)anthracene	21.17	228	1376341	19.212	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	839627	18.844	ng/ul	99
85) Chrysene	21.22	228	1330580	19.400	ng/ul	100
87) Di-n-octyl phthalate	21.99	149	1388537	18.603	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	1296540	18.983	ng/ul	100
89) Benzo(k)fluoranthene	22.76	252	1296962	19.706	ng/ul	98
91) Benzo(a)pyrene	23.27	252	1156001	19.286	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.55	276	1274643	18.459	ng/ul	99
93) Dibenzo(a,h)anthracene	25.56	278	1078845	18.415	ng/ul	100
94) Benzo(g,h,i)perylene	26.21	276	1024699	18.149	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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