Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027266.D
Acq On : 27 Aug 2020 02:16
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02099

Manual Integrations APPROVED
mohammad
8/27/2020 3:14:02 PM

Quant Time: Aug 27 02:50:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 27 00:36:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	188731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	755089	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	534380	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	1240944	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1294005	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1010035	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	25656	7.70	ng/uL	0.00
5) Phenol-d5	6.78	99	297185	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	197670	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	235572	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	246423	20.06	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	113287	18.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	133563	19.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	274863	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	305133	19.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	811614	19.14	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	980508	19.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	140736	19.68	ng/ul	0.00
58) Fluorene-d10	15.23	176	720400	19.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	123990	15.32	ng/ul	0.00
71) Anthracene-d10	17.08	188	1144645	19.43	ng/ul	0.00
79) Pyrene-d10	19.38	212	1297871	17.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	1110767	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	30506	7.776	ng/uL	96
4) Benzaldehyde	6.74	77	231013	21.430	ng/ul	99
6) Phenol	6.80	94	314045	19.627	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	255594	19.868	ng/ul	98
10) 2-Chlorophenol	7.16	128	239475	19.893	ng/ul	99
11) 2-Methylphenol	8.04	108	234039	19.670	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.12	45	195108	19.588	ng/ul	99
14) Acetophenone	8.41	105	386661	19.644	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	233093	19.667	ng/ul	99
16) 4-Methylphenol	8.37	108	249886	19.586	ng/ul	97
17) Hexachloroethane	8.66	117	111814	19.705	ng/ul	97
20) Nitrobenzene	8.78	77	354930	19.614	ng/ul	99
21) Isophorone	9.31	82	605761	18.575	ng/ul	99
23) 2-Nitrophenol	9.49	139	144493	19.481	ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	299488	19.191	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	349073	18.680	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	268248	19.409	ng/ul	100
28) Naphthalene	10.41	128	785417	19.531	ng/ul	99
30) 4-Chloroaniline	10.52	127	305916	19.911	ng/ul	97
31) Hexachlorobutadiene	10.71	225	197058	18.973	ng/ul	99
32) Caprolactam	11.29	113	78253m	18.888	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	280779	19.430	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	592022	19.381	ng/ul	98

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35) 1-Methylnaphthalene	12.26	142	581699	19.511	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	365113	19.109	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	178834	13.838	ng/ul	99
39) 2,4,6-Trichlorophenol	12.66	196	232990	19.154	ng/ul	93
40) 2,4,5-Trichlorophenol	12.73	196	251614	19.464	ng/ul	97
41) 1,1'-Biphenyl	13.06	154	803657	19.163	ng/ul	99
42) 2-Chloronaphthalene	13.10	162	657563	19.491	ng/ul	99
43) 2-Nitroaniline	13.30	65	204226	20.086	ng/ul	97
45) Dimethylphthalate	13.70	163	846904	19.245	ng/ul	100
46) 2,6-Dinitrotoluene	13.81	165	178841	19.722	ng/ul	98
48) Acenaphthylene	13.95	152	976465	19.484	ng/ul	99
49) 3-Nitroaniline	14.14	138	159633	20.647	ng/ul	99
50) Acenaphthene	14.30	153	680180	19.372	ng/ul	99
51) 2,4-Dinitrophenol	14.35	184	69606	13.366	ng/ul	98
53) 4-Nitrophenol	14.46	109	137851	20.333	ng/ul	98
54) Dibenzofuran	14.63	168	989174	19.625	ng/ul	96
55) 2,4-Dinitrotoluene	14.60	165	258515	20.022	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.87	232	229982	19.867	ng/ul	95
57) Diethylphthalate	15.07	149	858811	19.578	ng/ul	99
59) Fluorene	15.29	166	839309	19.636	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	455496	19.503	ng/ul	99
61) 4-Nitroaniline	15.30	138	179469	20.983	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.37	198	135936	15.470	ng/ul	98
65) N-Nitrosodiphenylamine	15.50	169	714741	19.127	ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	290937	18.701	ng/ul	99
67) Hexachlorobenzene	16.29	284	340569	19.176	ng/ul	99
68) Atrazine	16.46	200	289618	18.885	ng/ul	99
69) Pentachlorophenol	16.64	266	181617	17.414	ng/ul	98
70) Phenanthrene	17.02	178	1368713	19.325	ng/ul	99
72) Anthracene	17.12	178	1399635	19.399	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	353915	18.366	ng/uL	99
74) Pentachlorobenzene	14.56	250	372751	18.730	ng/uL	98
75) Carbazole	17.38	167	1196385	20.116	ng/ul	98
76) Di-n-butylphthalate	17.96	149	1504074	19.762	ng/ul	99
77) Fluoranthene	19.04	202	1714409	20.204	ng/ul	100
80) Pyrene	19.41	202	1745508	17.487	ng/ul	99
81) Butylbenzylphthalate	20.33	149	697021	18.474	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.10	252	551397	18.291	ng/ul	99
83) Benzo(a)anthracene	21.16	228	1634071	19.044	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1044682	19.575	ng/ul	100
85) Chrysene	21.22	228	1575285	19.176	ng/ul	100
87) Di-n-octyl phthalate	21.98	149	1727049	21.948	ng/ul	100
88) Benzo(b)fluoranthene	22.71	252	1429651	19.855	ng/ul	99
89) Benzo(k)fluoranthene	22.75	252	1439430	20.746	ng/ul	99
91) Benzo(a)pyrene	23.26	252	1245017	19.702	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.53	276	1343306	18.453	ng/ul	99
93) Dibenzo(a,h)anthracene	25.54	278	1146526	18.563	ng/ul	99
94) Benzo(g,h,i)perylene	26.19	276	1101949	18.513	ng/ul	97

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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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