Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024730.D
Acq On : 06 Feb 2020 15:24
Operator : CG/JU
Sample : SSTD08004
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08004

Manual Integrations APPROVED
mohammad
2/10/2020 8:21:34 AM

Quant Time: Feb 06 15:59:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	234764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	912538	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	637004	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1484784	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1515834	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1698594	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	152752	31.80	ng/uL	0.00
5) Phenol-d5	6.62	99	1253541	72.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	687531	71.13	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	1152192	77.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	1060830	66.12	ng/ul	0.01
19) Nitrobenzene-d5	8.56	128	543906	84.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	670597	96.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	1294230	82.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	1269063	73.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	3799970	76.13	ng/ul	0.01
47) Acenaphthylene-d8	13.75	160	4549736	79.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	669226	80.34	ng/ul	0.02
58) Fluorene-d10	15.07	176	3389393	77.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	821113	96.88	ng/ul	0.01
71) Anthracene-d10	16.92	188	5405889	78.29	ng/ul	0.00
79) Pyrene-d10	19.23	212	6231757	76.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	7000739	79.46	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	162116	32.496	ng/uL	97
4) Benzaldehyde	6.56	77	829356	89.865	ng/ul	97
6) Phenol	6.64	94	1312306	74.214	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.86	93	1039479	75.054	ng/ul	100
10) 2-Chlorophenol	6.99	128	1157456	77.821	ng/ul	100
11) 2-Methylphenol	7.87	108	1030898	71.131	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.96	45	806039	49.247	ng/ul	97
14) Acetophenone	8.23	105	1646484	65.376	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.24	70	797318	66.961	ng/ul	98
16) 4-Methylphenol	8.20	108	1100374	68.183	ng/ul	96
17) Hexachloroethane	8.47	117	504631	76.026	ng/ul	98
20) Nitrobenzene	8.60	77	1256761	80.993	ng/ul	99
21) Isophorone	9.13	82	2301480	75.332	ng/ul	98
23) 2-Nitrophenol	9.30	139	709054	93.387	ng/ul	96
24) 2,4-Dimethylphenol	9.38	107	1274620	77.347	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.61	93	1429160	81.304	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	1267051	83.559	ng/ul	99
28) Naphthalene	10.22	128	3655448	78.192	ng/ul	99
30) 4-Chloroaniline	10.34	127	1259467	73.743	ng/ul	100
31) Hexachlorobutadiene	10.52	225	988165	81.873	ng/ul	97
32) Caprolactam	11.13	113	348964m	76.398	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	1198435	76.040	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	2748197	75.759	ng/ul	100

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35) 1-Methylnaphthalene	12.07	142	2703818	73.524	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	1758304	83.899	ng/ul	97
38) Hexachlorocyclopentadiene	12.22	237	1303755	86.014	ng/ul	98
39) 2,4,6-Trichlorophenol	12.48	196	1154338	90.028	ng/ul	98
40) 2,4,5-Trichlorophenol	12.56	196	1221238	88.959	ng/ul	100
41) 1,1'-Biphenyl	12.89	154	3698313	79.968	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	3037600	81.647	ng/ul	98
43) 2-Nitroaniline	13.14	65	705779	82.802	ng/ul	99
45) Dimethylphthalate	13.55	163	3932482	77.507	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	872897	91.426	ng/ul	98
48) Acenaphthylene	13.78	152	4609679	78.558	ng/ul	99
49) 3-Nitroaniline	13.98	138	661676	84.058	ng/ul	97
50) Acenaphthene	14.13	153	3122778	78.630	ng/ul	97
51) 2,4-Dinitrophenol	14.19	184	578919	110.976	ng/ul	94
53) 4-Nitrophenol	14.32	109	539574	69.657	ng/ul	99
54) Dibenzofuran	14.47	168	4592774	78.940	ng/ul	99
55) 2,4-Dinitrotoluene	14.45	165	1238491	86.760	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.71	232	1184230	88.884	ng/ul	98
57) Diethylphthalate	14.93	149	3952985	75.878	ng/ul	98
59) Fluorene	15.13	166	3824711	77.752	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	2175148	77.520	ng/ul	97
61) 4-Nitroaniline	15.16	138	831451	88.555	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.22	198	874692	97.578	ng/ul#	98
65) N-Nitrosodiphenylamine	15.35	169	3307126	80.194	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	1481750	84.179	ng/ul	98
67) Hexachlorobenzene	16.14	284	1717767	84.977	ng/ul	99
68) Atrazine	16.32	200	1412785	81.407	ng/ul	98
69) Pentachlorophenol	16.48	266	1092876	90.809	ng/ul	99
70) Phenanthrene	16.86	178	6338456	79.157	ng/ul	99
72) Anthracene	16.96	178	6452463	79.021	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	1902358	90.103	ng/uL	98
74) Pentachlorobenzene	14.40	250	1997147	89.353	ng/uL	99
75) Carbazole	17.23	167	5437673	79.144	ng/ul	98
76) Di-n-butylphthalate	17.82	149	7229003	83.694	ng/ul	99
77) Fluoranthene	18.89	202	8001354	81.758	ng/ul	99
80) Pyrene	19.26	202	8059248	77.665	ng/ul	98
81) Butylbenzylphthalate	20.20	149	3341421	91.687	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.96	252	3109829	95.333	ng/ul	97
83) Benzo(a)anthracene	21.02	228	8100294	78.446	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	5079473	88.045	ng/ul	99
85) Chrysene	21.07	228	7921789	79.615	ng/ul	98
87) Di-n-octyl phthalate	21.84	149	8620037	74.140	ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	8550406	76.160	ng/ul	98
89) Benzo(k)fluoranthene	22.57	252	8576560	77.731	ng/ul	99
91) Benzo(a)pyrene	23.06	252	7815705	80.108	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.21	276	9705593	95.074	ng/ul	97
93) Dibenzo(a,h)anthracene	25.23	278	8205992	94.715	ng/ul	98
94) Benzo(g,h,i)perylene	25.84	276	8052395	99.251	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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