Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051320\
Data File : BM025979.D
Acq On : 13 May 2020 13:36
Operator : MA/SJ
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08056

Manual Integrations APPROVED
mohammad
5/14/2020 9:19:45 AM

Quant Time: May 13 14:11:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 13 13:00:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	122892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	497988	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	289387	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	598163	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	622470	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	645065	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	106986	36.52	ng/uL	0.00
5) Phenol-d5	6.70	99	870350	89.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	587844	106.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	652752	82.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	658477	82.63	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	313602	84.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	333253	84.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	605881	75.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	677854	72.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1649014	74.98	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	2017548	76.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	331543	79.17	ng/ul	0.01
58) Fluorene-d10	15.15	176	1424672	73.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	294123	80.59	ng/ul	0.00
71) Anthracene-d10	17.00	188	2146658	76.83	ng/ul	0.00
79) Pyrene-d10	19.30	212	2358695	78.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2521862	76.36	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	117525	37.26	ng/uL	96
4) Benzaldehyde	6.66	77	521218	101.46	ng/ul	96
6) Phenol	6.73	94	961066	94.89	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.95	93	733581	91.46	ng/ul	98
10) 2-Chlorophenol	7.08	128	690613	83.34	ng/ul	97
11) 2-Methylphenol	7.96	108	676814	87.33	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.05	45	1320488	123.39	ng/ul	99
14) Acetophenone	8.32	105	1081171	87.95	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.33	70	613130	99.56	ng/ul	94
16) 4-Methylphenol	8.29	108	719539	85.05	ng/ul	95
17) Hexachloroethane	8.57	117	291257	84.55	ng/ul	99
20) Nitrobenzene	8.69	77	900831	99.90	ng/ul	98
21) Isophorone	9.22	82	1554372	93.34	ng/ul	99
23) 2-Nitrophenol	9.40	139	373835	84.59	ng/ul	92
24) 2,4-Dimethylphenol	9.47	107	805795	89.92	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	928554	87.00	ng/ul	99
27) 2,4-Dichlorophenol	9.93	162	615126	77.05	ng/ul	98
28) Naphthalene	10.32	128	2129329	78.51	ng/ul	99
30) 4-Chloroaniline	10.43	127	699942	73.83	ng/ul	99
31) Hexachlorobutadiene	10.62	225	392567	75.26	ng/ul	99
32) Caprolactam	11.21	113	193604m	73.33	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	726476	87.53	ng/ul	99
34) 2-Methylnaphthalene	11.95	142	1439663	74.32	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	1334218	69.07	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.33	216	730017	79.76	ng/ul	99
38) Hexachlorocyclopentadiene	12.31	237	481178	77.03	ng/ul	97
39) 2,4,6-Trichlorophenol	12.57	196	466468	80.17	ng/ul	99
40) 2,4,5-Trichlorophenol	12.65	196	505638	79.83	ng/ul	98
41) 1,1'-Biphenyl	12.98	154	1803492	78.00	ng/ul	99
42) 2-Chloronaphthalene	13.02	162	1393354	76.51	ng/ul	98
43) 2-Nitroaniline	13.23	65	538017	118.20	ng/ul	96
45) Dimethylphthalate	13.62	163	1710484	74.71	ng/ul	99
46) 2,6-Dinitrotoluene	13.74	165	364662	80.98	ng/ul	94
48) Acenaphthylene	13.87	152	2178117	76.32	ng/ul	100
49) 3-Nitroaniline	14.06	138	329772	81.18	ng/ul	93
50) Acenaphthene	14.22	153	1485569	76.58	ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	215811	79.89	ng/ul	91
53) 4-Nitrophenol	14.39	109	282269	86.24	ng/ul	96
54) Dibenzofuran	14.56	168	2069920	75.21	ng/ul	99
55) 2,4-Dinitrotoluene	14.53	165	524134	79.61	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.79	232	432348	75.31	ng/ul	97
57) Diethylphthalate	15.00	149	1724644	73.50	ng/ul	99
59) Fluorene	15.21	166	1695897	73.26	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.21	204	838914	70.81	ng/ul	99
61) 4-Nitroaniline	15.23	138	392746	81.25	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.30	198	303519	76.05	ng/ul	98
65) N-Nitrosodiphenylamine	15.43	169	1456433	78.79	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	507814	68.84	ng/ul	99
67) Hexachlorobenzene	16.22	284	547034	60.40	ng/ul	97
68) Atrazine	16.39	200	518089	74.32	ng/ul	99
69) Pentachlorophenol	16.56	266	362525	68.53	ng/ul	97
70) Phenanthrene	16.94	178	2624087	74.53	ng/ul	100
72) Anthracene	17.03	178	2699319	75.23	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	719274	78.47	ng/uL	100
74) Pentachlorobenzene	14.48	250	665502	65.23	ng/uL	100
75) Carbazole	17.30	167	2418780	77.13	ng/ul	99
76) Di-n-butylphthalate	17.89	149	2966804	81.03	ng/ul	99
77) Fluoranthene	18.96	202	3033306	73.09	ng/ul	98
80) Pyrene	19.33	202	3143406	75.19	ng/ul	99
81) Butylbenzylphthalate	20.26	149	1326428	83.31	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.02	252	965537	68.27	ng/ul	99
83) Benzo(a)anthracene	21.09	228	3039312	74.06	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	2024336	81.96	ng/ul	99
85) Chrysene	21.14	228	2965386	73.65	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	3416055	88.38	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	3155476	78.40	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	3052714	76.99	ng/ul	99
91) Benzo(a)pyrene	23.14	252	2756894	75.27	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.33	276	3510787	72.58	ng/ul	98
93) Dibenzo(a,h)anthracene	25.33	278	2959524	72.25	ng/ul	100
94) Benzo(g,h,i)perylene	25.96	276	2929936	73.49	ng/ul	99

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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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