Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023632.D
Acq On : 11 Nov 2019 10:56
Operator : JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
mohammad
11/12/2019 10:43:52 AM

Quant Time: Nov 11 11:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 11 11:02:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	417223	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1872338	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1319504	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	3034598	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	3033835	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2967447	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	163584	41.30	ng/uL	0.00
5) Phenol-d5	6.73	99	1564085	43.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	894393	43.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	1150006	45.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	1246401	44.75	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	572783	49.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	620935	53.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	1347151	45.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	1569354	44.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	4188017	45.80	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	4871331	46.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	739522	44.70	ng/ul	0.00
58) Fluorene-d10	15.20	176	3651687	43.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	734350	45.12	ng/ul	0.00
71) Anthracene-d10	17.05	188	5790820	42.13	ng/ul	0.00
79) Pyrene-d10	19.36	212	6532154	46.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	6508004	45.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	174335	42.859	ng/uL	99
4) Benzaldehyde	6.70	77	996177	52.353	ng/ul	98
6) Phenol	6.76	94	1582372	41.972	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.99	93	1213244	42.058	ng/ul	99
10) 2-Chlorophenol	7.12	128	1174169	43.023	ng/ul	99
11) 2-Methylphenol	8.00	108	1191031	43.239	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.08	45	1184068	44.494	ng/ul	97
14) Acetophenone	8.37	105	1927073	42.591	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.37	70	1041024	46.205	ng/ul	99
16) 4-Methylphenol	8.33	108	1303988	42.539	ng/ul	98
17) Hexachloroethane	8.62	117	461171	41.219	ng/ul	98
20) Nitrobenzene	8.74	77	1465714	43.715	ng/ul	99
21) Isophorone	9.27	82	2891889	46.578	ng/ul	100
23) 2-Nitrophenol	9.45	139	683534	50.261	ng/ul	97
24) 2,4-Dimethylphenol	9.52	107	1471366	43.225	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	1756892	43.414	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	1284842	42.983	ng/ul	99
28) Naphthalene	10.37	128	3924346	40.487	ng/ul	100
30) 4-Chloroaniline	10.49	127	1580668	42.128	ng/ul	99
31) Hexachlorobutadiene	10.67	225	834803	38.288	ng/ul	98
32) Caprolactam	11.28	113	421657m	46.039	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	1439418	45.285	ng/ul	100
34) 2-Methylnaphthalene	12.00	142	3012274	42.421	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	2981710	43.502	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	1743099	39.822	ng/ul	99
38) Hexachlorocyclopentadiene	12.36	237	907328	42.962	ng/ul	99
39) 2,4,6-Trichlorophenol	12.62	196	1137735	45.332	ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	1233742	44.489	ng/ul	98
41) 1,1'-Biphenyl	13.03	154	4084511	41.469	ng/ul	100
42) 2-Chloronaphthalene	13.07	162	3169452	41.428	ng/ul	100
43) 2-Nitroaniline	13.28	65	858576	54.174	ng/ul	97
45) Dimethylphthalate	13.67	163	4054965	42.946	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	841360	52.015	ng/ul	98
48) Acenaphthylene	13.92	152	4820341	42.591	ng/ul	99
49) 3-Nitroaniline	14.12	138	767811	45.158	ng/ul	91
50) Acenaphthene	14.27	153	3362777	41.137	ng/ul	99
51) 2,4-Dinitrophenol	14.33	184	475017	45.974	ng/ul	99
53) 4-Nitrophenol	14.44	109	581551	43.047	ng/ul	99
54) Dibenzofuran	14.61	168	4967594	40.307	ng/ul	99
55) 2,4-Dinitrotoluene	14.59	165	1244458	49.235	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.84	232	1179824	45.890	ng/ul	99
57) Diethylphthalate	15.05	149	4059670	45.801	ng/ul	99
59) Fluorene	15.26	166	4048020	40.847	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	2166283	39.992	ng/ul	97
61) 4-Nitroaniline	15.29	138	923914	45.652	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.35	198	783607	43.699	ng/ul	98
65) N-Nitrosodiphenylamine	15.47	169	3616378	41.373	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	1511060	42.213	ng/ul	97
67) Hexachlorobenzene	16.27	284	1764474	39.911	ng/ul	99
68) Atrazine	16.44	200	1384098	43.246	ng/ul	99
69) Pentachlorophenol	16.61	266	1041292	40.667	ng/ul	99
70) Phenanthrene	17.00	178	6717973	39.833	ng/ul	100
72) Anthracene	17.09	178	6801596	40.396	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	1757051	40.273	ng/uL	99
74) Pentachlorobenzene	14.53	250	1921318	39.702	ng/uL	100
75) Carbazole	17.36	167	5990100	41.993	ng/ul	99
76) Di-n-butylphthalate	17.94	149	6776449	51.517	ng/ul	99
77) Fluoranthene	19.02	202	8057702	44.235	ng/ul	99
80) Pyrene	19.39	202	8140828	44.411	ng/ul	99
81) Butylbenzylphthalate	20.31	149	2886876	62.419	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.08	252	2835025	47.115	ng/ul	100
83) Benzo(a)anthracene	21.14	228	8095534	42.013	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	4260076	58.704	ng/ul	99
85) Chrysene	21.19	228	7574119	41.509	ng/ul	98
87) Di-n-octyl phthalate	21.96	149	6728028	56.554	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	7642508	42.552	ng/ul	100
89) Benzo(k)fluoranthene	22.72	252	7793300	43.321	ng/ul	98
91) Benzo(a)pyrene	23.23	252	7142294	42.265	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.48	276	7307386	38.365	ng/ul	99
93) Dibenzo(a,h)anthracene	25.49	278	6183274	38.611	ng/ul	99
94) Benzo(g,h,i)perylene	26.13	276	5851640	38.304	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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