Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023826.D
Acq On : 21 Nov 2019 13:16
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02099

Manual Integrations APPROVED
mohammad
11/22/2019 1:22:29 PM

Quant Time: Nov 21 16:10:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 06:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	478458	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1994455	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	1269374	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	2682726	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2905684	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	3403963	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	81840	7.05	ng/uL	0.00
5) Phenol-d5	6.70	99	807835	18.52	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	459028	18.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	626411	19.83	ng/ul	-0.01
13) 4-Methylphenol-d8	8.23	113	626338	18.00	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	299576	20.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	341697	22.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	656974	19.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.43	131	810894	21.58	ng/ul	-0.01
44) Dimethylphthalate-d6	13.59	166	1889451	19.09	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2243283	19.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	348642	20.63	ng/ul	0.00
58) Fluorene-d10	15.17	176	1635660	18.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	328792	21.19	ng/ul	0.00
71) Anthracene-d10	17.02	188	2539197	19.95	ng/ul	0.00
79) Pyrene-d10	19.33	212	2845005	18.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	3449757	19.26	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	87589	7.043	ng/uL	92
4) Benzaldehyde	6.66	77	347984	13.600	ng/ul	97
6) Phenol	6.73	94	847964	18.873	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.95	93	649043	18.862	ng/ul	98
10) 2-Chlorophenol	7.08	128	661591	20.305	ng/ul	97
11) 2-Methylphenol	7.96	108	628349	18.737	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.05	45	662705	19.741	ng/ul	96
14) Acetophenone	8.33	105	976616	17.998	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.32	70	532830	18.691	ng/ul	98
16) 4-Methylphenol	8.29	108	692640	18.653	ng/ul	98
17) Hexachloroethane	8.57	117	258201	19.975	ng/ul	93
20) Nitrobenzene	8.70	77	750187	19.875	ng/ul	96
21) Isophorone	9.23	82	1436565	19.510	ng/ul	99
23) 2-Nitrophenol	9.41	139	373955	22.406	ng/ul	96
24) 2,4-Dimethylphenol	9.48	107	745560	19.548	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.72	93	882234	19.092	ng/ul	99
27) 2,4-Dichlorophenol	9.95	162	644046	19.570	ng/ul	98
28) Naphthalene	10.33	128	2080508	19.847	ng/ul	100
30) 4-Chloroaniline	10.45	127	844487	21.868	ng/ul	98
31) Hexachlorobutadiene	10.63	225	400917	18.042	ng/ul	98
32) Caprolactam	11.24	113	208208m	19.522	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	705227	19.306	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	1515330	18.896	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	1478415	18.693	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.34	216	794256	19.150	ng/ul	99
38) Hexachlorocyclopentadiene	12.32	237	410224	18.881	ng/ul	99
39) 2,4,6-Trichlorophenol	12.59	196	525976	20.567	ng/ul	98
40) 2,4,5-Trichlorophenol	12.66	196	565928	20.319	ng/ul	98
41) 1,1'-Biphenyl	12.99	154	1994795	20.371	ng/ul	99
42) 2-Chloronaphthalene	13.03	162	1534995	20.366	ng/ul	98
43) 2-Nitroaniline	13.24	65	426026	23.764	ng/ul	96
45) Dimethylphthalate	13.64	163	1911796	19.708	ng/ul	100
46) 2,6-Dinitrotoluene	13.76	165	389707	22.056	ng/ul	98
48) Acenaphthylene	13.89	152	2357121	20.726	ng/ul	100
49) 3-Nitroaniline	14.09	138	355610	21.178	ng/ul	90
50) Acenaphthene	14.23	153	1640433	20.326	ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	195200	17.523	ng/ul	100
53) 4-Nitrophenol	14.41	109	264509	19.397	ng/ul	90
54) Dibenzofuran	14.57	168	2340086	19.587	ng/ul	100
55) 2,4-Dinitrotoluene	14.55	165	578547	21.423	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.81	232	514841	19.530	ng/ul	98
57) Diethylphthalate	15.02	149	1899362	19.953	ng/ul	99
59) Fluorene	15.23	166	1913821	19.745	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.23	204	951522	18.192	ng/ul	98
61) 4-Nitroaniline	15.25	138	399582	19.429	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.32	198	363888	21.565	ng/ul	98
65) N-Nitrosodiphenylamine	15.44	169	1682749	21.379	ng/ul	100
66) 4-Bromophenyl-phenylether	16.12	248	642081	19.584	ng/ul	98
67) Hexachlorobenzene	16.23	284	759961	19.674	ng/ul	98
68) Atrazine	16.41	200	598643	20.303	ng/ul	99
69) Pentachlorophenol	16.58	266	432273	18.875	ng/ul	99
70) Phenanthrene	16.96	178	3086804	20.889	ng/ul	100
72) Anthracene	17.06	178	3159406	21.263	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	772288	20.306	ng/uL	99
74) Pentachlorobenzene	14.50	250	823466	19.596	ng/uL	99
75) Carbazole	17.33	167	2850807	23.016	ng/ul	100
76) Di-n-butylphthalate	17.91	149	3191070	23.363	ng/ul	99
77) Fluoranthene	18.99	202	3649256	23.051	ng/ul	97
80) Pyrene	19.36	202	3754551	19.990	ng/ul	99
81) Butylbenzylphthalate	20.28	149	1537450	25.846	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.05	252	1282314	21.028	ng/ul#	99
83) Benzo(a)anthracene	21.11	228	3867260	20.177	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2221239	24.731	ng/ul	99
85) Chrysene	21.16	228	3617166	20.047	ng/ul	100
87) Di-n-octyl phthalate	21.92	149	3786001	22.756	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	4170362	19.219	ng/ul	99
89) Benzo(k)fluoranthene	22.68	252	3887870	18.597	ng/ul	98
91) Benzo(a)pyrene	23.19	252	3917041	19.719	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.41	276	4852196	22.843	ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	4067979	22.693	ng/ul	100
94) Benzo(g,h,i)perylene	26.06	276	4037594	23.457	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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