Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000940.D
Acq On : 21 Oct 2019 18:55
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02095

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:44 PM

Quant Time: Oct 21 19:24:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	120352	20.00	ng/ul	0.00
18) Naphthalene-d8	8.02	136	455945	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	258927	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	502719	20.00	ng/ul	0.00
78) Chrysene-d12	13.96	240	460308	20.00	ng/ul	0.00
86) Perylene-d12	15.44	264	535922	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.34	96	21246	7.32	ng/uL	0.00
5) Phenol-d5	6.38	99	168581	18.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.42	67	84128	18.13	ng/ul	0.00
9) 2-Chlorophenol-d4	6.51	132	149763	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	137944	19.45	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	68129	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	76065	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	142410	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	160462	20.43	ng/ul	0.00
44) Dimethylphthalate-d6	9.48	166	369721	20.40	ng/ul	0.00
47) Acenaphthylene-d8	9.63	160	446212	20.01	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	38042	13.63	ng/ul	0.00
58) Fluorene-d10	10.31	176	311269	20.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	44554	18.61	ng/ul	0.00
71) Anthracene-d10	11.34	188	457166	19.63	ng/ul	0.00
79) Pyrene-d10	12.73	212	493888	18.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.35	264	522848	19.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	21015	7.090	ng/uL	94
4) Benzaldehyde	6.29	77	91598	15.653	ng/ul	98
6) Phenol	6.39	94	179010	19.127	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.47	93	137099	18.696	ng/ul	98
10) 2-Chlorophenol	6.53	128	157406	19.318	ng/ul	98
11) 2-Methylphenol	7.00	108	139830	19.243	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.02	45	118550	17.804	ng/ul#	91
14) Acetophenone	7.15	105	212204	20.216	ng/ul	93
15) N-Nitroso-di-n-propylamine	7.15	70	85554	18.137	ng/ul	97
16) 4-Methylphenol	7.16	108	145552	20.489	ng/ul	96
17) Hexachloroethane	7.25	117	63661	20.120	ng/ul	95
20) Nitrobenzene	7.32	77	140543	19.078	ng/ul	95
21) Isophorone	7.56	82	262270	18.412	ng/ul	98
23) 2-Nitrophenol	7.64	139	82612	20.489	ng/ul	95
24) 2,4-Dimethylphenol	7.68	107	158747	19.980	ng/ul	96
25) Bis(2-Chloroethoxy)methane	7.77	93	173367	18.443	ng/ul	100
27) 2,4-Dichlorophenol	7.89	162	139350	20.048	ng/ul	99
28) Naphthalene	8.05	128	455107	19.803	ng/ul	99
30) 4-Chloroaniline	8.09	127	165815	21.062	ng/ul	98
31) Hexachlorobutadiene	8.17	225	98411	22.199	ng/ul	97
32) Caprolactam	8.43	113	41263m	18.485	ng/ul	
33) 4-Chloro-3-methylphenol	8.59	107	137633	19.999	ng/ul	98
34) 2-Methylnaphthalene	8.74	142	317865	19.915	ng/ul	99

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35) 1-Methylnaphthalene	8.84	142	304589	19.886	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	8.91	216	172426	21.156	ng/ul	98
38) Hexachlorocyclopentadiene	8.90	237	44459	18.492	ng/ul	98
39) 2,4,6-Trichlorophenol	9.02	196	92605	18.945	ng/ul	99
40) 2,4,5-Trichlorophenol	9.07	196	102224	19.268	ng/ul	99
41) 1,1'-Biphenyl	9.20	154	401190	20.303	ng/ul	98
42) 2-Chloronaphthalene	9.23	162	312487	20.285	ng/ul	99
43) 2-Nitroaniline	9.33	65	68019	19.551	ng/ul#	81
45) Dimethylphthalate	9.50	163	370533	20.516	ng/ul	99
46) 2,6-Dinitrotoluene	9.57	165	76738	21.420	ng/ul	97
48) Acenaphthylene	9.65	152	462439	20.100	ng/ul	99
49) 3-Nitroaniline	9.74	138	72205	19.271	ng/ul	89
50) Acenaphthene	9.82	153	318306	19.987	ng/ul	98
51) 2,4-Dinitrophenol	9.86	184	18365	13.923	ng/ul	94
53) 4-Nitrophenol	9.92	109	33381	17.510	ng/ul	91
54) Dibenzofuran	9.99	168	446579	20.148	ng/ul	99
55) 2,4-Dinitrotoluene	9.98	165	106362	21.493	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	10.12	232	73592	19.125	ng/ul#	88
57) Diethylphthalate	10.21	149	361293	20.714	ng/ul	99
59) Fluorene	10.34	166	352278	20.453	ng/ul	99
60) 4-Chlorophenyl-phenylether	10.33	204	186537	21.139	ng/ul	93
61) 4-Nitroaniline	10.35	138	74513	17.463	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	47288	18.832	ng/ul	100
65) N-Nitrosodiphenylamine	10.45	169	309994	19.333	ng/ul	99
66) 4-Bromophenyl-phenylether	10.82	248	122453	21.045	ng/ul	95
67) Hexachlorobenzene	10.90	284	134722	21.861	ng/ul	96
68) Atrazine	10.98	200	112817	20.731	ng/ul	98
69) Pentachlorophenol	11.10	266	31520	12.994	ng/ul	98
70) Phenanthrene	11.31	178	540038	19.711	ng/ul	99
72) Anthracene	11.36	178	553024	19.890	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	9.19	216	166978	20.135	ng/uL	99
74) Pentachlorobenzene	9.96	250	162025	20.836	ng/uL	100
75) Carbazole	11.52	167	491622	20.725	ng/ul	100
76) Di-n-butylphthalate	11.86	149	586053	20.586	ng/ul	99
77) Fluoranthene	12.51	202	622054	22.159	ng/ul	98
80) Pyrene	12.75	202	627574	19.216	ng/ul	99
81) Butylbenzylphthalate	13.37	149	259481	19.442	ng/ul	96
82) 3,3'-Dichlorobenzidine	13.91	252	217247	18.578	ng/ul	100
83) Benzo(a)anthracene	13.95	228	616387	19.952	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	357232	20.137	ng/ul	99
85) Chrysene	13.99	228	573972	19.989	ng/ul	99
87) Di-n-octyl phthalate	14.56	149	612071	19.921	ng/ul	100
88) Benzo(b)fluoranthene	15.01	252	609945	19.075	ng/ul	98
89) Benzo(k)fluoranthene	15.04	252	626797	20.585	ng/ul	98
91) Benzo(a)pyrene	15.37	252	595192	19.660	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.91	276	703070	20.260	ng/ul	96
93) Dibenzo(a,h)anthracene	16.92	278	584267	20.539	ng/ul#	96
94) Benzo(g,h,i)perylene	17.35	276	592532	20.507	ng/ul	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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