Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023557.D
Acq On : 01 Nov 2019 13:45
Operator : JU
Sample : K5511-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL9

Manual Integrations APPROVED
mohammad
11/1/2019 4:15:42 PM

Quant Time: Nov 01 15:02:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	347695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1449006	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	877102	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1848259	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1856872	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	2147211	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	56120	7.67	ng/uL	0.00
5) Phenol-d5	6.79	99	339115	11.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	370570	21.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	562729	24.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	277544	11.70	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	317281	29.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	264505	21.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	470125	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	10867	0.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1602309	24.06	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1820820	23.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	57338	4.97	ng/ul	0.00
58) Fluorene-d10	15.25	176	1371452	24.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	193526	16.82	ng/ul	0.00
71) Anthracene-d10	17.10	188	2249410	25.75	ng/ul	0.00
79) Pyrene-d10	19.40	212	2657774	26.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	3165002	28.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	25638	3.291	ng/uL	97
4) Benzaldehyde	6.76	77	49114	2.921	ng/ul	95
6) Phenol	6.82	94	161213	5.361	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	69850	2.979	ng/ul	99
10) 2-Chlorophenol	7.17	128	66968	2.800	ng/ul	99
11) 2-Methylphenol	8.06	108	60439	2.629	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	104982	3.135	ng/ul	97
14) Acetophenone	8.43	105	112207	3.028	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	52828	2.524	ng/ul	96
16) 4-Methylphenol	8.38	108	63700	2.527	ng/ul	96
17) Hexachloroethane	8.67	117	34441	3.460	ng/ul	89
20) Nitrobenzene	8.80	77	82954	3.105	ng/ul	99
21) Isophorone	9.33	82	134356	2.510	ng/ul	98
23) 2-Nitrophenol	9.50	139	34530	2.612	ng/ul	95
24) 2,4-Dimethylphenol	9.57	107	68020	2.491	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.81	93	92397	2.807	ng/ul#	52
27) 2,4-Dichlorophenol	10.04	162	62524	2.665	ng/ul	94
28) Naphthalene	10.43	128	251660	3.389	ng/ul	99
30) 4-Chloroaniline	10.55	127	88691	3.127	ng/ul	99
31) Hexachlorobutadiene	10.73	225	45035	2.941	ng/ul	97
32) Caprolactam	11.34	113	18489m	2.567	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	58895	2.277	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	150586	2.654	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	84582	3.054	ng/ul	99
39) 2,4,6-Trichlorophenol	12.68	196	44098	2.443	ng/ul	96
40) 2,4,5-Trichlorophenol	12.76	196	47790	2.468	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	209600	3.082	ng/ul	98
42) 2-Chloronaphthalene	13.12	162	162243	3.130	ng/ul	98
43) 2-Nitroaniline	13.33	65	42224m	2.916	ng/ul	
45) Dimethylphthalate	13.72	163	702446	10.504	ng/ul	100
46) 2,6-Dinitrotoluene	13.83	165	32703	2.468	ng/ul	88
48) Acenaphthylene	13.97	152	243795	3.082	ng/ul	99
49) 3-Nitroaniline	14.16	138	31882	2.663	ng/ul#	98
50) Acenaphthene	14.32	153	166448	2.992	ng/ul	99
53) 4-Nitrophenol	14.49	109	18008	1.960	ng/ul	92
54) Dibenzofuran	14.66	168	233837	2.935	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	40729	2.121	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	14.89	232	41015	2.322	ng/ul	95
57) Diethylphthalate	15.09	149	201961	2.994	ng/ul	99
59) Fluorene	15.31	166	183082	2.818	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.31	204	96432	2.808	ng/ul	97
61) 4-Nitroaniline	15.33	138	30078	2.251	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.39	198	21261	1.683	ng/ul#	36
65) N-Nitrosodiphenylamine	15.52	169	151838	2.604	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	61349	2.600	ng/ul	95
67) Hexachlorobenzene	16.32	284	78697	2.914	ng/ul	98
68) Atrazine	16.48	200	35333	1.658	ng/ul	95
69) Pentachlorophenol	16.66	266	25050	1.562	ng/ul	99
70) Phenanthrene	17.04	178	297137	2.877	ng/ul	98
72) Anthracene	17.14	178	294189	2.811	ng/ul	100
75) Carbazole	17.41	167	244674	2.773	ng/ul	97
76) Di-n-butylphthalate	17.99	149	301606	2.724	ng/ul	99
77) Fluoranthene	19.07	202	336478	3.123	ng/ul	97
80) Pyrene	19.43	202	360056	2.746	ng/ul	99
81) Butylbenzylphthalate	20.35	149	132016	2.459	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.12	252	66246	1.492	ng/ul#	99
83) Benzo(a)anthracene	21.19	228	350994	2.826	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	198878	2.643	ng/ul	99
85) Chrysene	21.24	228	345282	3.013	ng/ul	99
87) Di-n-octyl phthalate	22.01	149	331535	2.625	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	361601	2.622	ng/ul	99
89) Benzo(k)fluoranthene	22.78	252	364213m	2.813	ng/ul	
91) Benzo(a)pyrene	23.30	252	349537	2.800	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	429767	3.179	ng/ul	97
93) Dibenzo(a,h)anthracene	25.59	278	357892	3.140	ng/ul	99
94) Benzo(g,h,i)perylene	26.24	276	344590	3.133	ng/ul	98

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

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