Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024204.D
Acq On : 20 Dec 2019 15:28
Operator : JU
Sample : K4649-07MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5169MS

Manual Integrations APPROVED
mohammad
12/23/2019 11:55:35 AM

Quant Time: Dec 21 01:00:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	267401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1186053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	746894	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1539015	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1442605	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1612296	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	57138	9.44	ng/uL	0.00
5) Phenol-d5	6.63	99	511383	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	342804	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	396685	21.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	409565	19.79	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	193870	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	215606	23.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	412217	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	536716	24.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1268493	22.97	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1464148	22.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	184599	18.62	ng/ul	0.00
58) Fluorene-d10	15.10	176	1061023	21.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	186764	19.89	ng/ul	0.00
71) Anthracene-d10	16.96	188	1588790	22.69	ng/ul	0.00
79) Pyrene-d10	19.26	212	1648009	23.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1830402	22.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	61372	9.153	ng/uL	89
4) Benzaldehyde	6.59	77	340023	20.774	ng/ul	98
6) Phenol	6.66	94	523787	20.034	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	430807	21.265	ng/ul	97
10) 2-Chlorophenol	7.00	128	413703	22.338	ng/ul	99
11) 2-Methylphenol	7.89	108	389502	20.037	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	534512	22.909	ng/ul	98
14) Acetophenone	8.26	105	661182	21.184	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.25	70	385142	22.336	ng/ul	98
16) 4-Methylphenol	8.22	108	434515	20.134	ng/ul	99
17) Hexachloroethane	8.49	117	176244	23.056	ng/ul	100
20) Nitrobenzene	8.63	77	524948	22.159	ng/ul	98
21) Isophorone	9.16	82	980977	22.154	ng/ul	99
23) 2-Nitrophenol	9.33	139	234763	22.756	ng/ul	96
24) 2,4-Dimethylphenol	9.41	107	497736	22.366	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.64	93	621982	22.611	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	397067	22.271	ng/ul	99
28) Naphthalene	10.25	128	1347942	21.688	ng/ul	99
30) 4-Chloroaniline	10.38	127	530150	23.740	ng/ul	99
31) Hexachlorobutadiene	10.54	225	253180	22.970	ng/ul	100
32) Caprolactam	11.18	113	119929m	17.801	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	443307	20.721	ng/ul	99
34) 2-Methylnaphthalene	11.88	142	989441	22.272	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	978321	21.575	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	478371	23.693	ng/ul	99
38) Hexachlorocyclopentadiene	12.23	237	141695	15.575	ng/ul	96
39) 2,4,6-Trichlorophenol	12.52	196	308435	23.098	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	315099	21.890	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	1291172	23.159	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	985539	22.500	ng/ul	100
43) 2-Nitroaniline	13.18	65	286149	22.281	ng/ul	97
45) Dimethylphthalate	13.57	163	1247219	21.728	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	239980	21.224	ng/ul	97
48) Acenaphthylene	13.82	152	1490439	21.213	ng/ul	99
49) 3-Nitroaniline	14.02	138	228036	21.250	ng/ul	93
50) Acenaphthene	14.16	153	1063302	22.010	ng/ul	100
51) 2,4-Dinitrophenol	14.25	184	106570	16.772	ng/ul	95
53) 4-Nitrophenol	14.36	109	148339	18.759	ng/ul	95
54) Dibenzofuran	14.50	168	1503460	22.386	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	362308	21.218	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.74	232	286697	22.031	ng/ul	95
57) Diethylphthalate	14.95	149	1315062	22.534	ng/ul	99
59) Fluorene	15.16	166	1213091	21.389	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	602880	21.860	ng/ul	96
61) 4-Nitroaniline	15.20	138	217581	18.363	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.27	198	203278	20.272	ng/ul	99
65) N-Nitrosodiphenylamine	15.37	169	1056455	23.609	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	388890	23.772	ng/ul	99
67) Hexachlorobenzene	16.17	284	448741	22.403	ng/ul	97
68) Atrazine	16.34	200	368232	22.138	ng/ul	99
69) Pentachlorophenol	16.52	266	213102	20.302	ng/ul	97
70) Phenanthrene	16.90	178	1876298	21.777	ng/ul	99
72) Anthracene	16.99	178	1928562	22.264	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	480671	24.886	ng/uL	98
74) Pentachlorobenzene	14.43	250	515404	24.229	ng/uL	95
75) Carbazole	17.27	167	1646635	22.129	ng/ul	99
76) Di-n-butylphthalate	17.84	149	2212581	24.793	ng/ul	99
77) Fluoranthene	18.93	202	2084233	22.194	ng/ul	100
80) Pyrene	19.29	202	2144875	22.775	ng/ul	100
81) Butylbenzylphthalate	20.22	149	973069	26.226	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	731088	22.829	ng/ul	99
83) Benzo(a)anthracene	21.06	228	2099102	22.838	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1518287	27.460	ng/ul	100
85) Chrysene	21.11	228	1976634	21.941	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2482507	28.498	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2173391	22.529	ng/ul	98
89) Benzo(k)fluoranthene	22.62	252	2098682	22.172	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2055514	23.553	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2441674	23.300	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	2064960	23.504	ng/ul	98
94) Benzo(g,h,i)perylene	25.94	276	2023408	23.649	ng/ul	99

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

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