Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030126.D
Acq On : 21 May 2021 23:19
Operator : CG/JU
Sample : M2474-10MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB408MS

Manual Integrations APPROVED
mohammad
5/24/2021 1:53:04 PM

Quant Time: May 22 00:54:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 21 23:57:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	152471	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	675183	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	421372	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	774845	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	644833	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	605085	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	13446	3.52	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.70	99	94785	6.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	272589	31.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	287295	26.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	188539	16.08	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	174003	37.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	199359	37.96	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	343833	32.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.46	131	6970	0.43	ng/ul	0.02
46) Dimethylphthalate-d6	13.59	166	1273861	39.00	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	1537549	37.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	33551	6.31	ng/ul	0.00
60) Fluorene-d10	15.16	176	1074105	38.74	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	228745	45.45	ng/ul	0.00
73) Anthracene-d10	17.01	188	1585136	40.63	ng/ul	0.00
81) Pyrene-d10	19.31	212	1556932	47.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	1388019	40.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	13045	3.157	ng/uL	91
6) Benzaldehyde	6.66	77	303034m	41.402	ng/ul	
8) Phenol	6.73	94	111246	7.685	ng/ul	92
10) Bis(2-Chloroethyl)ether	6.95	93	356499	31.145	ng/ul	99
12) 2-Chlorophenol	7.07	128	300614	26.935	ng/ul	96
13) 2-Methylphenol	7.96	108	218352	19.908	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.05	45	646059	37.471	ng/ul	97
16) Acetophenone	8.33	105	614003	32.629	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.32	70	351993	36.559	ng/ul	95
18) 4-Methylphenol	8.29	108	206261	16.963	ng/ul	100
19) Hexachloroethane	8.56	117	162332	34.427	ng/ul	97
22) Nitrobenzene	8.71	77	476321	39.287	ng/ul	96
23) Isophorone	9.23	82	919204	35.844	ng/ul	98
25) 2-Nitrophenol	9.41	139	222450	39.016	ng/ul	96
26) 2,4-Dimethylphenol	9.48	107	385083	29.932	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.72	93	519119	34.562	ng/ul	99
29) 2,4-Dichlorophenol	9.94	162	342160	33.086	ng/ul	97
30) Naphthalene	10.33	128	1284405	34.272	ng/ul	99
33) Hexachlorobutadiene	10.61	225	237129	34.199	ng/ul	97
34) Caprolactam	11.29	113	7194m	1.960	ng/ul	
35) 4-Chloro-3-methylphenol	11.59	107	377009	32.943	ng/ul	98
36) 2-Methylnaphthalene	11.95	142	939705	34.566	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.17	142	918431	34.090	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	479804	36.849	ng/ul	99
40) Hexachlorocyclopentadiene	12.30	237	221944	32.814	ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	332869	41.922	ng/ul	99
42) 2,4,5-Trichlorophenol	12.66	196	354133	42.141	ng/ul	98
43) 1,1'-Biphenyl	12.99	154	1245073	38.011	ng/ul	99
44) 2-Chloronaphthalene	13.03	162	953575	37.934	ng/ul	98
45) 2-Nitroaniline	13.25	65	318290	50.096	ng/ul	98
47) Dimethylphthalate	13.63	163	1421450	43.464	ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	279675	47.638	ng/ul	95
50) Acenaphthylene	13.88	152	1536834	38.392	ng/ul	99
51) 3-Nitroaniline	14.09	138	98823	14.984	ng/ul	97
52) Acenaphthene	14.23	153	1092210	38.606	ng/ul	100
53) 2,4-Dinitrophenol	14.30	184	139285	34.869	ng/ul	92
55) 4-Nitrophenol	14.42	109	28219	6.899	ng/ul	94
56) Dibenzofuran	14.56	168	1538164	39.696	ng/ul	98
57) 2,4-Dinitrotoluene	14.55	165	386298	44.466	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.80	232	334728	41.830	ng/ul	99
59) Diethylphthalate	15.00	149	1382143	40.520	ng/ul	100
61) Fluorene	15.22	166	1331370	40.191	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	661330	40.629	ng/ul	99
63) 4-Nitroaniline	15.26	138	199619m	30.534	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	226489	45.725	ng/ul#	97
67) N-Nitrosodiphenylamine	15.43	169	1118526	44.438	ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	391268	45.366	ng/ul	99
69) Hexachlorobenzene	16.22	284	446198	43.565	ng/ul	95
70) Atrazine	16.40	200	342431	36.873	ng/ul	100
71) Pentachlorophenol	16.57	266	243401	41.475	ng/ul	99
72) Phenanthrene	16.95	178	1936167	42.378	ng/ul	99
74) Anthracene	17.04	178	1976325	42.311	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.94	216	467528	38.145	ng/uL	98
76) Pentachlorobenzene	14.49	250	501233	42.882	ng/uL	99
77) Carbazole	17.32	167	1666330	38.936	ng/ul	99
78) Di-n-butylphthalate	17.89	149	2233232	43.964	ng/ul	100
80) Fluoranthene	18.97	202	2016498	50.088	ng/ul	99
82) Pyrene	19.34	202	2069957	48.857	ng/ul	99
83) Butylbenzylphthalate	20.25	149	875906	58.174	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.03	252	389702	26.564	ng/ul	100
85) Benzo(a)anthracene	21.09	228	1825878	43.399	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	1357623	52.295	ng/ul	100
87) Chrysene	21.14	228	1806438	43.110	ng/ul	100
89) Di-n-octyl phthalate	21.88	149	2197937	47.468	ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	1821681	46.413	ng/ul	99
91) Benzo(k)fluoranthene	22.64	252	1768234	42.852	ng/ul	99
93) Benzo(a)pyrene	23.15	252	1571882	44.097	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.37	276	2041357	47.314	ng/ul	99
95) Dibenzo(a,h)anthracene	25.38	278	1734246	47.420	ng/ul	100
96) Benzo(g,h,i)perylene	26.02	276	1654661	47.335	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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