Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030006.D
Acq On : 13 May 2021 11:17
Operator : CG/JU
Sample : PB136351BS
Misc :
ALS Vial : 106 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS351

Manual Integrations APPROVED
mohammad
5/14/2021 12:49:45 PM

Quant Time: May 13 12:00:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 13 10:47:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	148505	20.00	ng/ul	0.00
20) Naphthalene-d8	10.31	136	634166	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.19	164	375226	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.93	188	696333	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	628747	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	630347	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25588	6.88	ng/uL	0.00
4) Pyridine-d5	3.46	84	299069	32.12	ng/ul	-0.01
7) Phenol-d5	6.73	99	442529	32.04	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	279916	32.69	ng/ul	0.00
11) 2-Chlorophenol-d4	7.07	132	362744	34.03	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	358904	31.42	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	170669	39.05	ng/ul	0.00
24) 2-Nitrophenol-d4	9.41	143	189529	38.42	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	351714	35.56	ng/ul	0.00
31) 4-Chloroaniline-d4	10.46	131	423869	28.16	ng/ul	0.00
46) Dimethylphthalate-d6	13.61	166	1051011	36.14	ng/ul	0.00
49) Acenaphthylene-d8	13.88	160	1334080	36.20	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	148917	31.44	ng/ul	0.00
60) Fluorene-d10	15.19	176	888221	35.97	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	168268	37.20	ng/ul	0.00
73) Anthracene-d10	17.03	188	1297590	37.01	ng/ul	0.00
81) Pyrene-d10	19.33	212	1345350	41.71	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.14	264	1316065	36.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	49395	12.274	ng/uL#	89
5) Pyridine	3.48	79	325270	34.061	ng/ul	98
6) Benzaldehyde	6.69	77	235171	32.989	ng/ul	97
8) Phenol	6.75	94	468245	33.209	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.98	93	364568	32.701	ng/ul	99
12) 2-Chlorophenol	7.10	128	375315	34.527	ng/ul	98
13) 2-Methylphenol	7.99	108	344685	32.265	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.07	45	618442	36.827	ng/ul	95
16) Acetophenone	8.36	105	572537	31.238	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.35	70	318633	33.978	ng/ul	95
18) 4-Methylphenol	8.32	108	372194	31.428	ng/ul	100
19) Hexachloroethane	8.60	117	164833	35.891	ng/ul	95
22) Nitrobenzene	8.74	77	447708	39.316	ng/ul	97
23) Isophorone	9.26	82	839743	34.864	ng/ul	100
25) 2-Nitrophenol	9.44	139	210959	39.394	ng/ul	98
26) 2,4-Dimethylphenol	9.51	107	426654	35.309	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.75	93	499145	35.381	ng/ul	99
29) 2,4-Dichlorophenol	9.97	162	345909	35.612	ng/ul	97
30) Naphthalene	10.36	128	1197999	34.034	ng/ul	99
32) 4-Chloroaniline	10.49	127	423863	27.334	ng/ul	100
33) Hexachlorobutadiene	10.65	225	227343	34.908	ng/ul	97
34) Caprolactam	11.27	113	108463m	31.464	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.62	107	384148	35.737 ng/ul	99
36) 2-Methylnaphthalene	11.99	142	844257	33.064 ng/ul	98
37) 1-Methylnaphthalene	12.21	142	821328	32.457 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	426073	36.747 ng/ul	99
40) Hexachlorocyclopentadiene	12.33	237	159341	26.456 ng/ul	97
41) 2,4,6-Trichlorophenol	12.62	196	277635	39.266 ng/ul	99
42) 2,4,5-Trichlorophenol	12.69	196	297740	39.788 ng/ul	97
43) 1,1'-Biphenyl	13.02	154	1084332	37.175 ng/ul	98
44) 2-Chloronaphthalene	13.06	162	839043	37.483 ng/ul	99
45) 2-Nitroaniline	13.27	65	263879	46.640 ng/ul	96
47) Dimethylphthalate	13.66	163	1071437	36.790 ng/ul	99
48) 2,6-Dinitrotoluene	13.78	165	222065	42.476 ng/ul	96
50) Acenaphthylene	13.91	152	1254459	35.192 ng/ul	99
51) 3-Nitroaniline	14.12	138	187192	31.873 ng/ul	99
52) Acenaphthene	14.25	153	916289	36.371 ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	94026	26.434 ng/ul	93
55) 4-Nitrophenol	14.43	109	120736	33.148 ng/ul	96
56) Dibenzofuran	14.59	168	1258247	36.466 ng/ul	97
57) 2,4-Dinitrotoluene	14.57	165	312135	40.348 ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.83	232	255076	35.796 ng/ul	98
59) Diethylphthalate	15.03	149	1108057	36.480 ng/ul	99
61) Fluorene	15.24	166	1068801	36.233 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.24	204	525183	36.233 ng/ul	98
63) 4-Nitroaniline	15.28	138	202800m	34.835 ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	166500	37.404 ng/ul#	95
67) N-Nitrosodiphenylamine	15.46	169	899348	39.759 ng/ul	99
68) 4-Bromophenyl-phenylether	16.13	248	310108	40.010 ng/ul	97
69) Hexachlorobenzene	16.24	284	358637	38.964 ng/ul	97
70) Atrazine	16.42	200	309804	37.121 ng/ul	98
71) Pentachlorophenol	16.60	266	183380	34.771 ng/ul	99
72) Phenanthrene	16.98	178	1558601	37.960 ng/ul	100
74) Anthracene	17.07	178	1602701	38.181 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.97	216	430326	39.068 ng/uL	97
76) Pentachlorobenzene	14.51	250	410883	39.116 ng/uL	98
77) Carbazole	17.34	167	1354269	35.212 ng/ul	99
78) Di-n-butylphthalate	17.92	149	1806867	39.581 ng/ul	100
80) Fluoranthene	19.00	202	1696870	43.227 ng/ul	97
82) Pyrene	19.36	202	1761174	42.632 ng/ul	99
83) Butylbenzylphthalate	20.27	149	761292	51.856 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.05	252	473509	33.103 ng/ul	100
85) Benzo(a)anthracene	21.11	228	1620076	39.493 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.05	149	1175232	46.428 ng/ul	99
87) Chrysene	21.16	228	1585901	38.815 ng/ul	100
89) Di-n-octyl phthalate	21.90	149	1941657	40.253 ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1615919	39.521 ng/ul	100
91) Benzo(k)fluoranthene	22.68	252	1675061	38.967 ng/ul	99
93) Benzo(a)pyrene	23.19	252	1457135	39.239 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.43	276	1943325	43.237 ng/ul	100
95) Dibenzo(a,h)anthracene	25.43	278	1628188	42.736 ng/ul	99
96) Benzo(g,h,i)perylene	26.08	276	1589214	43.641 ng/ul	98

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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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