Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051721\
Data File : BM030055.D
Acq On : 17 May 2021 14:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020041

Manual Integrations APPROVED
mohammad
5/19/2021 11:37:48 AM

Quant Time: May 18 08:45:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 15 09:59:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	106462	20.00	ng/ul	0.00
20) Naphthalene-d8	10.30	136	445524	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	283013	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	559929	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	577051	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	603516	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	21499	8.06	ng/uL	0.00
4) Pyridine-d5	3.47	84	107052	16.04	ng/ul	0.00
7) Phenol-d5	6.72	99	165226	16.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.87	67	108825	17.73	ng/ul	0.00
11) 2-Chlorophenol-d4	7.06	132	139555	18.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.25	113	130397	15.92	ng/ul	0.00
21) Nitrobenzene-d5	8.68	128	60155	19.59	ng/ul	0.00
24) 2-Nitrophenol-d4	9.40	143	67381	19.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.93	165	130038	18.71	ng/ul	0.00
31) 4-Chloroaniline-d4	10.45	131	171992	16.26	ng/ul	0.00
46) Dimethylphthalate-d6	13.60	166	386004	17.60	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	501906	18.05	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	45183	12.65	ng/ul	0.00
60) Fluorene-d10	15.17	176	330821	17.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.32	200	62145	17.09	ng/ul	0.00
73) Anthracene-d10	17.02	188	508034	18.02	ng/ul	0.00
81) Pyrene-d10	19.32	212	568389	19.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.13	264	630893	18.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	21861	7.578	ng/uL	95
5) Pyridine	3.49	79	114534	16.730	ng/ul#	82
6) Benzaldehyde	6.69	77	101665m	19.893	ng/ul	
8) Phenol	6.74	94	169445	16.763	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.96	93	132561	16.586	ng/ul	95
12) 2-Chlorophenol	7.09	128	141492	18.157	ng/ul	97
13) 2-Methylphenol	7.98	108	126744	16.549	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.06	45	242719	20.161	ng/ul	95
16) Acetophenone	8.35	105	211472	16.094	ng/ul#	90
17) N-Nitroso-di-n-propylamine	8.33	70	119879	17.832	ng/ul	91
18) 4-Methylphenol	8.30	108	136808	16.114	ng/ul	97
19) Hexachloroethane	8.58	117	63873	19.400	ng/ul	95
22) Nitrobenzene	8.72	77	168413	21.051	ng/ul	95
23) Isophorone	9.25	82	307055	18.146	ng/ul	98
25) 2-Nitrophenol	9.43	139	73418	19.515	ng/ul	97
26) 2,4-Dimethylphenol	9.49	107	161467	19.020	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.73	93	181215	18.284	ng/ul	99
29) 2,4-Dichlorophenol	9.96	162	122455	17.945	ng/ul	97
30) Naphthalene	10.35	128	456741	18.470	ng/ul	99
32) 4-Chloroaniline	10.47	127	178176	16.356	ng/ul	99
33) Hexachlorobutadiene	10.63	225	88201	19.278	ng/ul	96
34) Caprolactam	11.27	113	33254	13.731	ng/ul	83

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35) 4-Chloro-3-methylphenol	11.61	107	134400	17.797	ng/ul	97
36) 2-Methylnaphthalene	11.97	142	319532	17.812	ng/ul	100
37) 1-Methylnaphthalene	12.19	142	314731	17.704	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.35	216	162855	18.622	ng/ul	98
40) Hexachlorocyclopentadiene	12.32	237	66303	14.595	ng/ul	98
41) 2,4,6-Trichlorophenol	12.60	196	95739	17.952	ng/ul	98
42) 2,4,5-Trichlorophenol	12.68	196	99312	17.595	ng/ul	96
43) 1,1'-Biphenyl	13.00	154	394683	17.940	ng/ul	98
44) 2-Chloronaphthalene	13.04	162	310239	18.375	ng/ul	98
45) 2-Nitroaniline	13.27	65	88870	20.825	ng/ul	93
47) Dimethylphthalate	13.65	163	388585	17.690	ng/ul	99
48) 2,6-Dinitrotoluene	13.77	165	72948	18.500	ng/ul	99
50) Acenaphthylene	13.89	152	487158	18.119	ng/ul	100
51) 3-Nitroaniline	14.10	138	68715	15.512	ng/ul	98
52) Acenaphthene	14.24	153	342496	18.025	ng/ul	100
53) 2,4-Dinitrophenol	14.33	184	41138	15.334	ng/ul	91
55) 4-Nitrophenol	14.43	109	38256	13.926	ng/ul	92
56) Dibenzofuran	14.57	168	470191	18.067	ng/ul	95
57) 2,4-Dinitrotoluene	14.56	165	107360	18.399	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.82	232	92529	17.216	ng/ul#	99
59) Diethylphthalate	15.02	149	405381	17.695	ng/ul	99
61) Fluorene	15.23	166	390588	17.555	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.23	204	193657	17.714	ng/ul	96
63) 4-Nitroaniline	15.27	138	69404m	15.806	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.33	198	59802	16.707	ng/ul#	88
67) N-Nitrosodiphenylamine	15.44	169	334644	18.398	ng/ul	99
68) 4-Bromophenyl-phenylether	16.12	248	113559	18.220	ng/ul	96
69) Hexachlorobenzene	16.23	284	133463	18.033	ng/ul	97
70) Atrazine	16.40	200	114083	17.000	ng/ul	99
71) Pentachlorophenol	16.59	266	63814	15.047	ng/ul	97
72) Phenanthrene	16.96	178	601620	18.222	ng/ul	100
74) Anthracene	17.06	178	616633	18.269	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.96	216	171616	19.376	ng/uL	100
76) Pentachlorobenzene	14.50	250	156894	18.575	ng/uL	99
77) Carbazole	17.34	167	521808	16.872	ng/ul	99
78) Di-n-butylphthalate	17.90	149	679193	18.503	ng/ul	99
80) Fluoranthene	18.99	202	684766	19.007	ng/ul	98
82) Pyrene	19.35	202	732609	19.323	ng/ul	99
83) Butylbenzylphthalate	20.26	149	290204	21.538	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.04	252	244497	18.624	ng/ul	99
85) Benzo(a)anthracene	21.10	228	708808	18.827	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.04	149	451345	19.428	ng/ul	100
87) Chrysene	21.15	228	707280	18.862	ng/ul	99
89) Di-n-octyl phthalate	21.90	149	769536	16.663	ng/ul	100
90) Benzo(b)fluoranthene	22.63	252	734364	18.759	ng/ul	99
91) Benzo(k)fluoranthene	22.67	252	753235	18.302	ng/ul	99
93) Benzo(a)pyrene	23.17	252	662049	18.621	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.40	276	867978	20.170	ng/ul	99
95) Dibenzo(a,h)anthracene	25.41	278	731541	20.055	ng/ul	99
96) Benzo(g,h,i)perylene	26.06	276	717497	20.579	ng/ul	99

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

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