Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029497.D
Acq On : 15 Apr 2021 11:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Manual Integrations APPROVED
mohammad
4/16/2021 11:25:46 AM

Quant Time: Apr 15 11:53:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 14 17:30:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	108877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	456504	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	277655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	495859	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	424161	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	431453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	23454	8.22	ng/uL	0.00
5) Phenol-d5	6.85	99	197847	21.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	130608	22.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	156620	22.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	160258	22.80	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	70249	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	73572	22.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	151435	22.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	118488	14.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	411666	20.70	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	537756	21.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	71987	19.74	ng/ul	0.00
58) Fluorene-d10	15.31	176	340668	20.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	57271	20.32	ng/ul	0.00
71) Anthracene-d10	17.16	188	487380	21.63	ng/ul	0.00
79) Pyrene-d10	19.44	212	467564	22.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	477297	21.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	24320	8.125	ng/uL	97
4) Benzaldehyde	6.82	77	106967	21.181	ng/ul	99
6) Phenol	6.87	94	209002	21.476	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.11	93	161846	21.941	ng/ul	97
10) 2-Chlorophenol	7.24	128	164403	22.235	ng/ul	100
11) 2-Methylphenol	8.12	108	152688	22.109	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	262545	24.203	ng/ul	99
14) Acetophenone	8.50	105	253698	22.073	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.49	70	150488	24.551	ng/ul	96
16) 4-Methylphenol	8.45	108	169267	22.478	ng/ul	97
17) Hexachloroethane	8.75	117	75238	23.397	ng/ul	91
20) Nitrobenzene	8.87	77	217123	22.617	ng/ul	99
21) Isophorone	9.40	82	384747	24.321	ng/ul	100
23) 2-Nitrophenol	9.57	139	84453	22.265	ng/ul	98
24) 2,4-Dimethylphenol	9.64	107	198605	22.752	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.88	93	218077	22.415	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	151515	22.334	ng/ul	98
28) Naphthalene	10.50	128	510581	21.453	ng/ul	99
30) 4-Chloroaniline	10.62	127	125501	14.649	ng/ul	97
31) Hexachlorobutadiene	10.79	225	85691	20.412	ng/ul	97
32) Caprolactam	11.39	113	44956m	22.433	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	172423	24.113	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	356868	21.737	ng/ul	100

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35) 1-Methylnaphthalene	12.35	142	343596	21.501	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	155328	19.518	ng/ul	98
38) Hexachlorocyclopentadiene	12.48	237	96930	18.899	ng/ul	97
39) 2,4,6-Trichlorophenol	12.74	196	109551	21.913	ng/ul	97
40) 2,4,5-Trichlorophenol	12.81	196	117648	21.715	ng/ul	97
41) 1,1'-Biphenyl	13.15	154	457095	20.911	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	345443	20.599	ng/ul	98
43) 2-Nitroaniline	13.39	65	124098	24.043	ng/ul	98
45) Dimethylphthalate	13.77	163	427649	20.918	ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	82178	21.822	ng/ul	93
48) Acenaphthylene	14.03	152	523567	21.336	ng/ul	99
49) 3-Nitroaniline	14.22	138	73377	18.928	ng/ul	96
50) Acenaphthene	14.38	153	384723	21.046	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	42474	18.796	ng/ul	91
53) 4-Nitrophenol	14.53	109	74788	20.418	ng/ul	98
54) Dibenzofuran	14.72	168	504074	20.183	ng/ul	97
55) 2,4-Dinitrotoluene	14.68	165	115969	20.949	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.94	232	87046	20.523	ng/ul	95
57) Diethylphthalate	15.14	149	444374	21.188	ng/ul	98
59) Fluorene	15.36	166	428089	20.381	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	193001	19.604	ng/ul	95
61) 4-Nitroaniline	15.39	138	88254	20.000	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.44	198	59562	20.293	ng/ul	97
65) N-Nitrosodiphenylamine	15.57	169	352728	22.416	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	102912	21.730	ng/ul	92
67) Hexachlorobenzene	16.37	284	115227	21.493	ng/ul	96
68) Atrazine	16.53	200	113461	20.104	ng/ul	99
69) Pentachlorophenol	16.71	266	67487	21.495	ng/ul	98
70) Phenanthrene	17.10	178	609798	21.361	ng/ul	99
72) Anthracene	17.19	178	625508	21.350	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	155508	21.918	ng/uL	99
74) Pentachlorobenzene	14.63	250	145455	22.194	ng/uL	100
75) Carbazole	17.46	167	548851	20.689	ng/ul	99
76) Di-n-butylphthalate	18.03	149	702768	22.992	ng/ul	99
77) Fluoranthene	19.12	202	622462	19.264	ng/ul	99
80) Pyrene	19.47	202	649503	23.122	ng/ul	96
81) Butylbenzylphthalate	20.39	149	306641	27.026	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	173474	19.038	ng/ul	97
83) Benzo(a)anthracene	21.22	228	575577	21.521	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	474781	25.653	ng/ul	99
85) Chrysene	21.27	228	563699	21.556	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	785267	23.070	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	591514	21.297	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	565653	20.741	ng/ul	98
91) Benzo(a)pyrene	23.35	252	516138	20.947	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	674084	20.903	ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	568488	20.980	ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	551835	21.069	ng/ul	98

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

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