Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041321\
Data File : BM029455.D
Acq On : 13 Apr 2021 09:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD040012

Manual Integrations APPROVED
mohammad
4/14/2021 2:35:00 PM

Quant Time: Apr 14 02:18:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:46:03 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	109842	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	459278	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	263858	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	512558	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	501220	20.00	ng/ul	0.00
87) Perylene-d12	23.44	264	511154	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	21441	7.08	ng/uL	0.00
4) Pyridine-d5	3.60	84	137194	17.09	ng/ul	0.00
7) Phenol-d5	6.85	99	173747	17.28	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	117810	17.95	ng/ul	0.00
11) 2-Chlorophenol-d4	7.21	132	137208	18.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	137320	17.85	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	63775	17.94	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	67471	17.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	129981	17.85	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	175541	16.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	365643	17.98	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	431436	17.78	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	64254	16.51	ng/ul	0.00
60) Fluorene-d10	15.31	176	297440	17.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	54000	16.24	ng/ul	0.00
73) Anthracene-d10	17.16	188	439085	17.73	ng/ul	0.00
80) Pyrene-d10	19.45	212	449178	16.91	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.30	264	489749	17.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	21911	6.993	ng/uL	95
5) Pyridine	3.61	79	146937	17.078	ng/ul	95
6) Benzaldehyde	6.83	77	126218	22.549	ng/ul	99
8) Phenol	6.87	94	185344	17.361	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.11	93	143686	17.715	ng/ul	97
12) 2-Chlorophenol	7.25	128	146122	18.199	ng/ul	97
13) 2-Methylphenol	8.12	108	135402	17.603	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.21	45	233954	18.436	ng/ul	98
16) Acetophenone	8.50	105	227323	17.810	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.49	70	129604	18.577	ng/ul	94
18) 4-Methylphenol	8.45	108	147961	17.855	ng/ul	94
19) Hexachloroethane	8.75	117	67743	18.679	ng/ul	97
22) Nitrobenzene	8.87	77	193513	17.888	ng/ul	99
23) Isophorone	9.40	82	328088	17.847	ng/ul	100
25) 2-Nitrophenol	9.58	139	76914	17.750	ng/ul	100
26) 2,4-Dimethylphenol	9.64	107	170060	17.863	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.88	93	193872	18.045	ng/ul	97
29) 2,4-Dichlorophenol	10.11	162	129506	17.789	ng/ul	96
30) Naphthalene	10.51	128	452945	17.712	ng/ul	99
32) 4-Chloroaniline	10.62	127	183726	17.180	ng/ul	99
33) Hexachlorobutadiene	10.80	225	76490	17.776	ng/ul	99
34) Caprolactam	11.39	113	39232m	17.337	ng/ul	

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35) 4-Chloro-3-methylphenol	11.75	107	144300	17.842	ng/ul	99
36) 2-Methylnaphthalene	12.13	142	313512	17.868	ng/ul	98
37) 1-Methylnaphthalene	12.34	142	315109	17.978	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	136371	17.661	ng/ul	98
40) Hexachlorocyclopentadiene	12.48	237	85142	15.967	ng/ul	97
41) 2,4,6-Trichlorophenol	12.74	196	91391	17.482	ng/ul	96
42) 2,4,5-Trichlorophenol	12.81	196	99232	17.688	ng/ul	99
43) 1,1'-Biphenyl	13.15	154	395670	17.661	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	298827	17.470	ng/ul	97
45) 2-Nitroaniline	13.39	65	105235	17.849	ng/ul	98
47) Dimethylphthalate	13.78	163	372947	17.899	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	72052	17.929	ng/ul	95
50) Acenaphthylene	14.04	152	456111	17.845	ng/ul	99
51) 3-Nitroaniline	14.22	138	76108	17.527	ng/ul	99
52) Acenaphthene	14.38	153	332418	17.683	ng/ul	99
53) 2,4-Dinitrophenol	14.43	184	39167	15.750	ng/ul	92
55) 4-Nitrophenol	14.53	109	67764	17.180	ng/ul	97
56) Dibenzofuran	14.72	168	445647	17.872	ng/ul	100
57) 2,4-Dinitrotoluene	14.69	165	103239	18.154	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	76762	17.563	ng/ul	99
59) Diethylphthalate	15.15	149	395308	18.165	ng/ul	99
61) Fluorene	15.37	166	375788	17.676	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.36	204	169394	17.829	ng/ul	99
63) 4-Nitroaniline	15.39	138	77764	18.430	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.44	198	55348	16.062	ng/ul	99
67) N-Nitrosodiphenylamine	15.58	169	311135	17.479	ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	93922	18.139	ng/ul	98
69) Hexachlorobenzene	16.37	284	104003	17.830	ng/ul	95
70) Atrazine	16.53	200	108164	17.029	ng/ul	98
71) Pentachlorophenol	16.71	266	60374	16.105	ng/ul	95
72) Phenanthrene	17.10	178	557010	17.620	ng/ul	99
74) Anthracene	17.19	178	576099	17.782	ng/ul	100
75) Pentachlorobenzene	14.64	250	134055	17.641	ng/uL	98
76) Carbazole	17.46	167	506915	16.947	ng/ul	97
77) Di-n-butylphthalate	18.03	149	648878	18.003	ng/ul	100
79) Fluoranthene	19.12	202	592720	16.963	ng/ul	98
81) Pyrene	19.48	202	627905	16.979	ng/ul	99
82) Butylbenzylphthalate	20.39	149	290070	17.510	ng/ul	99
83) 3,3'-Dichlorobenzidine	21.16	252	199430	18.157	ng/ul	97
84) Benzo(a)anthracene	21.22	228	587774	17.645	ng/ul	99
85) Bis(2-ethylhexyl)phthalate	21.16	149	472220	18.232	ng/ul	99
86) Chrysene	21.27	228	566379	17.605	ng/ul	99
88) Di-n-octyl phthalate	22.03	149	803722	16.624	ng/ul	100
89) Benzo(b)fluoranthene	22.79	252	598938	17.352	ng/ul	99
90) Benzo(k)fluoranthene	22.83	252	607675	17.571	ng/ul	100
92) Benzo(a)pyrene	23.35	252	543786	17.759	ng/ul	99
93) Indeno(1,2,3-cd)pyrene	25.67	276	706481	18.174	ng/ul	98
94) Dibenzo(a,h)anthracene	25.68	278	597836	18.277	ng/ul	99
95) Benzo(g,h,i)perylene	26.34	276	570640	18.143	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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