Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030086.D
Acq On : 20 May 2021 11:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020048

Manual Integrations APPROVED
mohammad
5/21/2021 3:37:48 PM

Quant Time: May 20 12:02:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 12:00:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	138669	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	596290	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	374969	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	711393	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	638244	20.00	ng/ul	0.00
88) Perylene-d12	23.25	264	619886	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	28836	8.30	ng/uL	0.00
4) Pyridine-d5	3.45	84	141048	16.22	ng/ul	0.00
7) Phenol-d5	6.70	99	215901	16.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	145706	18.22	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	185051	18.59	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	174515	16.36	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	81842	19.92	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	92333	19.91	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	173626	18.67	ng/ul	0.00
31) 4-Chloroaniline-d4	10.44	131	235309	16.63	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	511187	17.59	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	668084	18.14	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	57488	12.14	ng/ul	0.00
60) Fluorene-d10	15.16	176	430391	17.44	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	79822	17.27	ng/ul	0.00
73) Anthracene-d10	17.01	188	638018	17.81	ng/ul	0.00
81) Pyrene-d10	19.31	212	673284	20.56	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	656790	18.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	30312	8.067	ng/uL	97
5) Pyridine	3.47	79	151579	16.999	ng/ul	97
6) Benzaldehyde	6.67	77	131276m	19.721	ng/ul	
8) Phenol	6.73	94	222054	16.866	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.96	93	177591	17.059	ng/ul	98
12) 2-Chlorophenol	7.08	128	186064	18.331	ng/ul	97
13) 2-Methylphenol	7.97	108	165698	16.611	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.05	45	314586	20.062	ng/ul	97
16) Acetophenone	8.34	105	280166	16.370	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.32	70	160348	18.312	ng/ul	95
18) 4-Methylphenol	8.30	108	181008	16.368	ng/ul	96
19) Hexachloroethane	8.57	117	83703	19.518	ng/ul	95
22) Nitrobenzene	8.71	77	217489	20.312	ng/ul	96
23) Isophorone	9.23	82	405206	17.892	ng/ul	99
25) 2-Nitrophenol	9.42	139	102330	20.322	ng/ul	98
26) 2,4-Dimethylphenol	9.49	107	214000	18.835	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.72	93	246388	18.574	ng/ul	100
29) 2,4-Dichlorophenol	9.95	162	166061	18.182	ng/ul	99
30) Naphthalene	10.33	128	602876	18.215	ng/ul	99
32) 4-Chloroaniline	10.46	127	230836	15.832	ng/ul	99
33) Hexachlorobutadiene	10.62	225	117968	19.264	ng/ul	97
34) Caprolactam	11.26	113	44636	13.771	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.60	107	178534	17.664	ng/ul	99
36) 2-Methylnaphthalene	11.96	142	420097	17.497	ng/ul	100
37) 1-Methylnaphthalene	12.18	142	420150	17.658	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	216155	18.655	ng/ul	99
40) Hexachlorocyclopentadiene	12.31	237	97675	16.228	ng/ul	100
41) 2,4,6-Trichlorophenol	12.59	196	131995	18.681	ng/ul	97
42) 2,4,5-Trichlorophenol	12.67	196	131005	17.519	ng/ul	92
43) 1,1'-Biphenyl	12.99	154	527822	18.108	ng/ul	99
44) 2-Chloronaphthalene	13.03	162	413817	18.499	ng/ul	99
45) 2-Nitroaniline	13.26	65	114279	20.212	ng/ul	97
47) Dimethylphthalate	13.63	163	515849	17.725	ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	98380	18.831	ng/ul	100
50) Acenaphthylene	13.88	152	635146	17.830	ng/ul	99
51) 3-Nitroaniline	14.10	138	80317	13.685	ng/ul	97
52) Acenaphthene	14.23	153	451116	17.919	ng/ul	99
53) 2,4-Dinitrophenol	14.32	184	54430	15.313	ng/ul	97
55) 4-Nitrophenol	14.42	109	45061	12.380	ng/ul	97
56) Dibenzofuran	14.57	168	618093	17.925	ng/ul	98
57) 2,4-Dinitrotoluene	14.56	165	140190	18.134	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	14.80	232	123778	17.382	ng/ul	98
59) Diethylphthalate	15.00	149	527931	17.393	ng/ul	99
61) Fluorene	15.22	166	505812	17.159	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	255461	17.636	ng/ul	97
63) 4-Nitroaniline	15.26	138	86915m	14.940	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	78650	17.295	ng/ul	99
67) N-Nitrosodiphenylamine	15.44	169	435291	18.836	ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	148416	18.743	ng/ul	96
69) Hexachlorobenzene	16.22	284	172865	18.383	ng/ul	95
70) Atrazine	16.40	200	144553	16.954	ng/ul	98
71) Pentachlorophenol	16.57	266	85502	15.869	ng/ul	99
72) Phenanthrene	16.96	178	753712	17.968	ng/ul	100
74) Anthracene	17.04	178	758633	17.690	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	229063	20.356	ng/uL	98
76) Pentachlorobenzene	14.49	250	209665	19.537	ng/uL	97
77) Carbazole	17.33	167	646091	16.443	ng/ul	99
78) Di-n-butylphthalate	17.89	149	886396	19.006	ng/ul	99
80) Fluoranthene	18.97	202	825642	20.720	ng/ul	98
82) Pyrene	19.34	202	862681	20.572	ng/ul	99
83) Butylbenzylphthalate	20.26	149	360814	24.211	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.03	252	276407	19.036	ng/ul	99
85) Benzo(a)anthracene	21.09	228	785104	18.854	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	573474	22.318	ng/ul	99
87) Chrysene	21.14	228	781408	18.840	ng/ul	99
89) Di-n-octyl phthalate	21.89	149	962382	20.288	ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	776201	19.304	ng/ul	100
91) Benzo(k)fluoranthene	22.66	252	772540	18.275	ng/ul	99
93) Benzo(a)pyrene	23.16	252	679258	18.601	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.38	276	867388	19.624	ng/ul	99
95) Dibenzo(a,h)anthracene	25.39	278	734619	19.607	ng/ul	100
96) Benzo(g,h,i)perylene	26.03	276	718956	20.076	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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