Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029750.D
Acq On : 01 May 2021 17:01
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV018

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:34 PM

Quant Time: May 02 00:40:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 16:23:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	45946	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	178601	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	134362	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	292571	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	338715	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	367449	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	7394	7.87	ng/uL	0.00
4) Pyridine-d5	3.50	84	34220	16.81	ng/ul	0.00
7) Phenol-d5	6.76	99	58048	18.76	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	31034	19.15	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	55834	19.95	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	50537	19.07	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	25057	19.26	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	31864	19.35	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	65916	19.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	69453	17.90	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	204560	19.22	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	258386	19.69	ng/ul	0.00
54) 4-Nitrophenol-d4	14.46	143	21991	15.62	ng/ul	0.00
60) Fluorene-d10	15.22	176	176779	19.20	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	36044	16.94	ng/ul	0.00
73) Anthracene-d10	17.07	188	287291	19.48	ng/ul	0.00
81) Pyrene-d10	19.37	212	344211	19.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	411342	19.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	7441	7.523	ng/uL	91
5) Pyridine	3.52	79	40823	18.846	ng/ul	92
6) Benzaldehyde	6.73	77	35199m	19.838	ng/ul	
8) Phenol	6.79	94	58282	19.007	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.02	93	45576	19.421	ng/ul	99
12) 2-Chlorophenol	7.15	128	55936	20.090	ng/ul	98
13) 2-Methylphenol	8.03	108	45722	18.576	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.12	45	45419	19.717	ng/ul	96
16) Acetophenone	8.40	105	75710	18.536	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.39	70	37303	18.950	ng/ul	98
18) 4-Methylphenol	8.36	108	51004	19.019	ng/ul	93
19) Hexachloroethane	8.64	117	24930	19.802	ng/ul	95
22) Nitrobenzene	8.77	77	53732	18.703	ng/ul	98
23) Isophorone	9.30	82	104837	18.917	ng/ul	97
25) 2-Nitrophenol	9.48	139	32454	18.994	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	59030	18.977	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.78	93	62424	19.350	ng/ul	99
29) 2,4-Dichlorophenol	10.02	162	61321	19.085	ng/ul	93
30) Naphthalene	10.40	128	180527	19.017	ng/ul	97
32) 4-Chloroaniline	10.53	127	72561	18.582	ng/ul	97
33) Hexachlorobutadiene	10.69	225	53308	19.196	ng/ul	98
34) Caprolactam	11.32	113	16400m	18.486	ng/ul	

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35) 4-Chloro-3-methylphenol	11.66	107	53817	19.665	ng/ul	98
36) 2-Methylnaphthalene	12.03	142	145599	19.860	ng/ul	98
37) 1-Methylnaphthalene	12.25	142	145167	20.342	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	99620	19.025	ng/ul	98
40) Hexachlorocyclopentadiene	12.37	237	39647	15.424	ng/ul	95
41) 2,4,6-Trichlorophenol	12.65	196	57522	19.034	ng/ul	96
42) 2,4,5-Trichlorophenol	12.73	196	59083	18.644	ng/ul	96
43) 1,1'-Biphenyl	13.05	154	192241	19.133	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	159802	19.743	ng/ul	98
45) 2-Nitroaniline	13.31	65	30465	19.492	ng/ul	96
47) Dimethylphthalate	13.69	163	196500	19.035	ng/ul	100
48) 2,6-Dinitrotoluene	13.81	165	39936	19.194	ng/ul	96
50) Acenaphthylene	13.95	152	237638	19.452	ng/ul	99
51) 3-Nitroaniline	14.15	138	33795	18.246	ng/ul	92
52) Acenaphthene	14.29	153	159749	18.750	ng/ul	98
53) 2,4-Dinitrophenol	14.36	184	22880	18.445	ng/ul	95
55) 4-Nitrophenol	14.47	109	17183	17.257	ng/ul	98
56) Dibenzofuran	14.63	168	248376	19.618	ng/ul	98
57) 2,4-Dinitrotoluene	14.61	165	56994	19.537	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.86	232	57520	19.221	ng/ul#	98
59) Diethylphthalate	15.06	149	188558	19.242	ng/ul	98
61) Fluorene	15.27	166	202914	19.213	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	112115	19.006	ng/ul	98
63) 4-Nitroaniline	15.32	138	35591m	18.063	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	34868	17.014	ng/ul#	91
67) N-Nitrosodiphenylamine	15.49	169	175592	19.436	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	68639	19.126	ng/ul	99
69) Hexachlorobenzene	16.28	284	79754	19.242	ng/ul	98
70) Atrazine	16.45	200	67718	18.191	ng/ul	99
71) Pentachlorophenol	16.63	266	36294	16.641	ng/ul	99
72) Phenanthrene	17.01	178	327898	19.541	ng/ul	99
74) Anthracene	17.10	178	338557	19.634	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	106816	19.632	ng/uL	100
76) Pentachlorobenzene	14.54	250	96791	18.995	ng/uL	97
77) Carbazole	17.38	167	283633	18.848	ng/ul	99
78) Di-n-butylphthalate	17.94	149	310798	19.445	ng/ul	100
80) Fluoranthene	19.03	202	410928	20.199	ng/ul	99
82) Pyrene	19.40	202	434620	20.077	ng/ul	100
83) Butylbenzylphthalate	20.30	149	146369	19.485	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.08	252	152952	17.593	ng/ul	99
85) Benzo(a)anthracene	21.14	228	435265	19.638	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.08	149	214885	18.642	ng/ul	98
87) Chrysene	21.19	228	438983	19.820	ng/ul	100
89) Di-n-octyl phthalate	21.94	149	368431	17.471	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	476106	19.882	ng/ul	98
91) Benzo(k)fluoranthene	22.72	252	463023	19.629	ng/ul	99
93) Benzo(a)pyrene	23.23	252	423062	19.526	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.49	276	544219	19.181	ng/ul	99
95) Dibenzo(a,h)anthracene	25.50	278	453116	19.134	ng/ul	99
96) Benzo(g,h,i)perylene	26.15	276	476604	20.453	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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