Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\
Data File : BN013369.D
Acq On : 08 Jan 2021 15:50
Operator : CG/JU
Sample : L4485-15
Misc : MDL-MESOIL-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-01

Manual Integrations APPROVED
mohammad
1/11/2021 1:40:42 PM

Quant Time: Jan 08 17:00:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	366958	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1508289	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	898862	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1828034	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1817667	20.00	ng/ul	0.00
88) Perylene-d12	23.35	264	1816563	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	39837	4.14	ng/uL	0.00
4) Pyridine-d5	3.59	84	534424	22.24	ng/ul	0.00
7) Phenol-d5	6.78	99	942294	30.58	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	574272	33.46	ng/ul	0.00
11) 2-Chlorophenol-d4	7.14	132	824480	30.71	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	796394	31.99	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	387055	32.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.46	143	395236	31.91	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	752439	30.75	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	1106493	33.05	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2273685	32.71	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2941633	34.30	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	375782	29.59	ng/ul	0.00
60) Fluorene-d10	15.23	176	1968093	32.73	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	267412	29.72	ng/ul	0.00
73) Anthracene-d10	17.07	188	2931062	33.01	ng/ul	0.00
81) Pyrene-d10	19.37	212	3165246	32.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	3141851	33.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	7685	0.803	ng/uL	95
5) Pyridine	3.61	79	75498	3.121	ng/ul#	80
6) Benzaldehyde	6.76	77	60939m	5.267	ng/ul	
8) Phenol	6.80	94	95887	3.076	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.04	93	82969	3.359	ng/ul	99
12) 2-Chlorophenol	7.17	128	83366	3.048	ng/ul	99
13) 2-Methylphenol	8.04	108	65975	2.747	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.12	45	116324	3.361	ng/ul	100
16) Acetophenone	8.41	105	114940	3.146	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.40	70	47830	2.638	ng/ul	97
18) 4-Methylphenol	8.36	108	77724	3.015	ng/ul	99
19) Hexachloroethane	8.66	117	32288	3.008	ng/ul	97
22) Nitrobenzene	8.78	77	88001	3.268	ng/ul	95
23) Isophorone	9.30	82	124087	2.437	ng/ul	99
25) 2-Nitrophenol	9.49	139	42037	3.049	ng/ul	94
26) 2,4-Dimethylphenol	9.55	107	81713	2.935	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.79	93	99235	3.013	ng/ul	99
29) 2,4-Dichlorophenol	10.01	162	76260	3.166	ng/ul	94
30) Naphthalene	10.41	128	280946	3.320	ng/ul	100
32) 4-Chloroaniline	10.52	127	109408	3.434	ng/ul	97
33) Hexachlorobutadiene	10.70	225	50256	3.338	ng/ul	99
34) Caprolactam	11.31	113	14023	1.888	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	63925	2.478 ng/ul	95
36) 2-Methylnaphthalene	12.03	142	188793	3.244 ng/ul	98
37) 1-Methylnaphthalene	12.25	142	180100	3.211 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	92667	3.426 ng/ul	98
40) Hexachlorocyclopentadiene	12.39	237	47009	3.335 ng/ul	97
41) 2,4,6-Trichlorophenol	12.65	196	42719	2.395 ng/ul	90
42) 2,4,5-Trichlorophenol	12.72	196	48910	2.577 ng/ul	95
43) 1,1'-Biphenyl	13.06	154	243485	3.363 ng/ul	98
44) 2-Chloronaphthalene	13.09	162	192606	3.378 ng/ul	98
45) 2-Nitroaniline	13.30	65	30366	2.090 ng/ul	93
47) Dimethylphthalate	13.69	163	228027	3.197 ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	31966	2.363 ng/ul#	95
50) Acenaphthylene	13.95	152	288779	3.331 ng/ul	100
51) 3-Nitroaniline	14.13	138	33266	2.666 ng/ul	100
52) Acenaphthene	14.29	153	204016	3.336 ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	9790	1.615 ng/ul	97
55) 4-Nitrophenol	14.44	109	29904	3.128 ng/ul	93
56) Dibenzofuran	14.63	168	283135	3.381 ng/ul	96
57) 2,4-Dinitrotoluene	14.59	165	47817	2.481 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.86	232	38152	2.380 ng/ul	96
59) Diethylphthalate	15.07	149	200136	2.760 ng/ul	100
61) Fluorene	15.28	166	227864	3.359 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.28	204	113930	3.484 ng/ul	99
63) 4-Nitroaniline	15.29	138	34675	2.959 ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.35	198	31430	3.139 ng/ul#	64
67) N-Nitrosodiphenylamine	15.49	169	183612	3.188 ng/ul	100
68) 4-Bromophenyl-phenylether	16.17	248	60146	2.989 ng/ul	93
69) Hexachlorobenzene	16.28	284	74435	3.263 ng/ul	95
70) Atrazine	16.45	200	48099	2.445 ng/ul	98
71) Pentachlorophenol	16.62	266	27466	2.159 ng/ul	92
72) Phenanthrene	17.02	178	362000	3.413 ng/ul	100
74) Anthracene	17.10	178	367175	3.392 ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	92215	3.480 ng/uL	99
76) Pentachlorobenzene	14.55	250	93121	3.522 ng/uL	98
77) Carbazole	17.37	167	284073	3.233 ng/ul	97
78) Di-n-butylphthalate	17.96	149	264994	2.213 ng/ul	100
80) Fluoranthene	19.03	202	383489	3.062 ng/ul	99
82) Pyrene	19.40	202	426859	3.324 ng/ul	99
83) Butylbenzylphthalate	20.33	149	92787	1.681 ng/ul	89
84) 3,3'-Dichlorobenzidine	21.10	252	83052	2.416 ng/ul	95
85) Benzo(a)anthracene	21.16	228	384304	3.203 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	150309	1.838 ng/ul	99
87) Chrysene	21.21	228	399687	3.402 ng/ul	99
89) Di-n-octyl phthalate	21.99	149	239094	2.116 ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	379308	3.275 ng/ul	98
91) Benzo(k)fluoranthene	22.75	252	385000	3.490 ng/ul	99
93) Benzo(a)pyrene	23.26	252	371062	3.533 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.51	276	435984	3.315 ng/ul	100
95) Dibenzo(a,h)anthracene	25.53	278	371372	3.369 ng/ul	96
96) Benzo(g,h,i)perylene	26.17	276	361950	3.247 ng/ul	98

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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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