Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\
Data File : BN013373.D
Acq On : 08 Jan 2021 18:13
Operator : CG/JU
Sample : L4485-17
Misc : MDL-MESOIL-03
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 09 03:44:42 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

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-03

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	313156	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1305352	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	789277	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1624388	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1606932	20.00	ng/ul	0.00
88) Perylene-d12	23.34	264	1609900	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	43957	5.35	ng/uL	0.00
4) Pyridine-d5	3.59	84	521694	25.44	ng/ul	0.00
7) Phenol-d5	6.78	99	957151	36.40	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	584715	39.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.14	132	831809	36.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	808211	38.04	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	393285	37.83	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	401797	37.49	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	768948	36.32	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	1134990	39.18	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2345634	38.43	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	3051400	40.52	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	392277	35.18	ng/ul	0.00
60) Fluorene-d10	15.22	176	2053099	38.88	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	281500	35.21	ng/ul	0.00
73) Anthracene-d10	17.07	188	3063198	38.82	ng/ul	0.00
81) Pyrene-d10	19.37	212	3314064	38.29	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	3225119	38.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	6317	0.774	ng/uL	90
5) Pyridine	3.61	79	70715	3.425	ng/ul#	74
6) Benzaldehyde	6.76	77	53134	5.382	ng/ul	96
8) Phenol	6.80	94	85282	3.206	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.03	93	74386	3.529	ng/ul	98
12) 2-Chlorophenol	7.17	128	72001	3.085	ng/ul	99
13) 2-Methylphenol	8.03	108	57028	2.783	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.13	45	102511	3.470	ng/ul	98
16) Acetophenone	8.41	105	100708	3.230	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	42780	2.765	ng/ul	99
18) 4-Methylphenol	8.36	108	69145	3.143	ng/ul	99
19) Hexachloroethane	8.66	117	28577	3.120	ng/ul	93
22) Nitrobenzene	8.78	77	79954m	3.431	ng/ul	
23) Isophorone	9.30	82	113247	2.570	ng/ul	99
25) 2-Nitrophenol	9.49	139	38614	3.236	ng/ul	97
26) 2,4-Dimethylphenol	9.55	107	72667	3.016	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.79	93	90836	3.187	ng/ul	100
29) 2,4-Dichlorophenol	10.01	162	68857	3.303	ng/ul	91
30) Naphthalene	10.41	128	252658	3.450	ng/ul	99
32) 4-Chloroaniline	10.52	127	97506	3.536	ng/ul	95
33) Hexachlorobutadiene	10.70	225	42911	3.293	ng/ul	93
34) Caprolactam	11.30	113	12711m	1.977	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	57621	2.581	ng/ul	97
36) 2-Methylnaphthalene	12.03	142	168550	3.347	ng/ul	98
37) 1-Methylnaphthalene	12.25	142	163661	3.371	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	82442	3.471	ng/ul	97
40) Hexachlorocyclopentadiene	12.39	237	41505	3.354	ng/ul	98
41) 2,4,6-Trichlorophenol	12.65	196	37272	2.379	ng/ul	99
42) 2,4,5-Trichlorophenol	12.71	196	44497	2.670	ng/ul	92
43) 1,1'-Biphenyl	13.06	154	221916	3.491	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	174091	3.477	ng/ul	98
45) 2-Nitroaniline	13.30	65	26803	2.101	ng/ul	88
47) Dimethylphthalate	13.69	163	205999	3.289	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	28228	2.376	ng/ul	100
50) Acenaphthylene	13.95	152	261680	3.438	ng/ul	99
51) 3-Nitroaniline	14.13	138	27631	2.522	ng/ul	92
52) Acenaphthene	14.29	153	182651	3.401	ng/ul	97
53) 2,4-Dinitrophenol	14.33	184	9292	1.745	ng/ul	97
55) 4-Nitrophenol	14.44	109	27338	3.256	ng/ul	91
56) Dibenzofuran	14.63	168	255482	3.474	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	45610	2.695	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.85	232	35355	2.512	ng/ul#	97
59) Diethylphthalate	15.07	149	181246	2.847	ng/ul	99
61) Fluorene	15.27	166	209318	3.514	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	102476	3.569	ng/ul	97
63) 4-Nitroaniline	15.29	138	30955	3.008	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.35	198	28785	3.235	ng/ul#	76
67) N-Nitrosodiphenylamine	15.49	169	164482	3.214	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	57795	3.233	ng/ul	93
69) Hexachlorobenzene	16.28	284	69927	3.450	ng/ul	95
70) Atrazine	16.45	200	44458	2.543	ng/ul	95
71) Pentachlorophenol	16.62	266	22961	2.031	ng/ul	96
72) Phenanthrene	17.01	178	330862	3.511	ng/ul	98
74) Anthracene	17.10	178	331383	3.445	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	82429	3.501	ng/uL	93
76) Pentachlorobenzene	14.55	250	81101	3.452	ng/uL	97
77) Carbazole	17.37	167	255943	3.278	ng/ul	97
78) Di-n-butylphthalate	17.96	149	241188	2.267	ng/ul	99
80) Fluoranthene	19.03	202	352282	3.181	ng/ul	99
82) Pyrene	19.40	202	391427	3.448	ng/ul	99
83) Butylbenzylphthalate	20.33	149	86315	1.769	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.09	252	70192	2.310	ng/ul	96
85) Benzo(a)anthracene	21.16	228	348805	3.289	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.12	149	135314	1.872	ng/ul	100
87) Chrysene	21.20	228	361898	3.484	ng/ul	100
89) Di-n-octyl phthalate	21.99	149	214061	2.137	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	355800	3.466	ng/ul	99
91) Benzo(k)fluoranthene	22.74	252	347942	3.559	ng/ul	98
93) Benzo(a)pyrene	23.26	252	337049	3.622	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.52	276	401719	3.446	ng/ul	96
95) Dibenzo(a,h)anthracene	25.53	278	341401	3.495	ng/ul	98
96) Benzo(g,h,i)perylene	26.17	276	326372	3.304	ng/ul	100

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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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