Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\
Data File : BN013363.D
Acq On : 08 Jan 2021 12:13
Operator : CG/JU
Sample : L4485-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 08 12:45:00 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-SOIL-01

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	320415	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1317617	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	806771	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1673935	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1699581	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1707632	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	39175	4.66	ng/uL	0.00
4) Pyridine-d5	3.59	84	475964	22.68	ng/ul	0.00
7) Phenol-d5	6.78	99	827500	30.75	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	504203	33.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.14	132	715938	30.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	693157	31.89	ng/ul	0.00
21) Nitrobenzene-d5	8.75	128	334286	31.85	ng/ul	0.00
24) 2-Nitrophenol-d4	9.46	143	343046	31.71	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	658641	30.82	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	982132	33.58	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2046872	32.81	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2633844	34.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	329858	28.94	ng/ul	0.00
60) Fluorene-d10	15.23	176	1760610	32.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	238365	28.93	ng/ul	0.00
73) Anthracene-d10	17.07	188	2671681	32.86	ng/ul	0.00
81) Pyrene-d10	19.37	212	2912186	31.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2903713	32.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	6369	0.763	ng/uL	93
5) Pyridine	3.61	79	71114	3.367	ng/ul#	62
6) Benzaldehyde	6.76	77	52859	5.232	ng/ul	96
8) Phenol	6.80	94	83480	3.067	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.04	93	71870	3.332	ng/ul	95
12) 2-Chlorophenol	7.17	128	71706	3.002	ng/ul	99
13) 2-Methylphenol	8.04	108	56853	2.711	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.13	45	101782	3.368	ng/ul	98
16) Acetophenone	8.42	105	98560	3.089	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	41494	2.621	ng/ul	96
18) 4-Methylphenol	8.36	108	68904	3.061	ng/ul	95
19) Hexachloroethane	8.67	117	28238	3.013	ng/ul	90
22) Nitrobenzene	8.78	77	77340	3.288	ng/ul	99
23) Isophorone	9.31	82	108815	2.446	ng/ul	99
25) 2-Nitrophenol	9.49	139	38504	3.197	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	72107	2.965	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.79	93	86522	3.007	ng/ul	98
29) 2,4-Dichlorophenol	10.02	162	66502	3.160	ng/ul	96
30) Naphthalene	10.42	128	246634	3.336	ng/ul	99
32) 4-Chloroaniline	10.52	127	96238	3.457	ng/ul	97
33) Hexachlorobutadiene	10.71	225	43859	3.334	ng/ul	98
34) Caprolactam	11.30	113	12470m	1.922	ng/ul	

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35) 4-Chloro-3-methylphenol	11.65	107	57864	2.568	ng/ul	99	
36) 2-Methylnaphthalene	12.03	142	166141	3.268	ng/ul	98	
37) 1-Methylnaphthalene	12.25	142	157924	3.223	ng/ul	94	
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	82129	3.383	ng/ul	96	
40) Hexachlorocyclopentadiene	12.39	237	43281	3.421	ng/ul	99	
41) 2,4,6-Trichlorophenol	12.65	196	37873	2.365	ng/ul	99	mohammad
42) 2,4,5-Trichlorophenol	12.72	196	44039	2.585	ng/ul	96	
43) 1,1'-Biphenyl	13.06	154	215386	3.314	ng/ul	98	
44) 2-Chloronaphthalene	13.09	162	166760	3.258	ng/ul	99	
45) 2-Nitroaniline	13.30	65	27048	2.074	ng/ul	95	
47) Dimethylphthalate	13.70	163	204481	3.194	ng/ul	99	1/11/2021 1:40:37 PM
48) 2,6-Dinitrotoluene	13.80	165	27662	2.278	ng/ul#	91	
50) Acenaphthylene	13.95	152	256952	3.302	ng/ul	99	
51) 3-Nitroaniline	14.13	138	29006	2.590	ng/ul	100	
52) Acenaphthene	14.29	153	182341	3.321	ng/ul	99	
53) 2,4-Dinitrophenol	14.33	184	9008	1.655	ng/ul	92	
55) 4-Nitrophenol	14.44	109	26802	3.123	ng/ul	90	
56) Dibenzofuran	14.63	168	251973	3.352	ng/ul	97	
57) 2,4-Dinitrotoluene	14.59	165	43035	2.487	ng/ul#	94	
58) 2,3,4,6-Tetrachlorophenol	14.86	232	34183	2.376	ng/ul	96	
59) Diethylphthalate	15.07	149	179380	2.756	ng/ul	99	
61) Fluorene	15.28	166	207870	3.414	ng/ul	98	
62) 4-Chlorophenyl-phenylether	15.29	204	102523	3.493	ng/ul	94	
63) 4-Nitroaniline	15.29	138	30436	2.893	ng/ul	98	
66) 4,6-Dinitro-2-methylphenol	15.35	198	28342	3.091	ng/ul#	57	
67) N-Nitrosodiphenylamine	15.50	169	161349	3.059	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.18	248	57449	3.118	ng/ul	95	
69) Hexachlorobenzene	16.28	284	67995	3.255	ng/ul	99	
70) Atrazine	16.46	200	43162	2.396	ng/ul	98	
71) Pentachlorophenol	16.63	266	24856	2.134	ng/ul	92	
72) Phenanthrene	17.02	178	326268	3.359	ng/ul	100	
74) Anthracene	17.11	178	328109	3.310	ng/ul	99	
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	80895	3.334	ng/uL	97	
76) Pentachlorobenzene	14.55	250	80686	3.333	ng/uL	95	
77) Carbazole	17.37	167	253259	3.148	ng/ul	99	
78) Di-n-butylphthalate	17.96	149	234673	2.140	ng/ul	99	
80) Fluoranthene	19.04	202	349664	2.986	ng/ul	99	
82) Pyrene	19.40	202	400821	3.338	ng/ul	98	
83) Butylbenzylphthalate	20.33	149	84730	1.642	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.10	252	79578	2.476	ng/ul	98	
85) Benzo(a)anthracene	21.16	228	351130	3.130	ng/ul	98	
86) Bis(2-ethylhexyl)phthalate	21.12	149	137109	1.794	ng/ul	100	
87) Chrysene	21.21	228	359709	3.274	ng/ul	97	
89) Di-n-octyl phthalate	21.99	149	223318	2.102	ng/ul	100	
90) Benzo(b)fluoranthene	22.70	252	353128	3.243	ng/ul	98	
91) Benzo(k)fluoranthene	22.75	252	341510	3.293	ng/ul	99	
93) Benzo(a)pyrene	23.26	252	340237	3.447	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	25.53	276	401297	3.246	ng/ul	96	
95) Dibenzo(a,h)anthracene	25.54	278	343047	3.310	ng/ul	98	
96) Benzo(g,h,i)perylene	26.19	276	334363	3.191	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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