Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082322\
Data File : BP011539.D
Acq On : 23 Aug 2022 11:49
Operator : CG/JU
Sample : N3670-06
Misc : SFAM-MDL-ME SOIL-4PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 23 12:20:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/23/2022
Supervised By :Sohil Jodhani 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	59922	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	252005	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.222	164	151063	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.992	188	303830	20.000	ng/ul	-0.01
79) Chrysene-d12	21.122	240	285875	20.000	ng/ul	-0.01
88) Perylene-d12	23.416	264	297384	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	8718	4.515	ng/uL	0.00
4) Pyridine-d5	3.476	84	94559	19.127	ng/ul	0.00
7) Phenol-d5	6.734	99	113441	20.601	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.899	67	74511	20.828	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.081	132	96376	23.796	ng/ul	-0.01
15) 4-Methylphenol-d8	8.269	113	92559	21.001	ng/ul	-0.01
21) Nitrobenzene-d5	8.716	128	43446	23.947	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.434	143	44640	24.177	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	78943	23.162	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	123254	21.724	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	262193	24.540	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	310301	26.131	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.451	143	38736	18.817	ng/ul	-0.01
60) Fluorene-d10	15.228	176	211235	23.500	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	32698	19.917	ng/ul	0.00
73) Anthracene-d10	17.092	188	325480	24.188	ng/ul	-0.01
81) Pyrene-d10	19.357	212	365980	25.303	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.263	264	342804	23.697	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	2317	1.151	ng/uL	94
5) Pyridine	3.499	79	21050	4.266	ng/ul#	67
6) Benzaldehyde	6.711	77	13488m	5.337	ng/ul	
8) Phenol	6.764	94	20738	3.665	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.993	93	16812	3.809	ng/ul	89
12) 2-Chlorophenol	7.117	128	18129	4.160	ng/ul	96
13) 2-Methylphenol	8.011	108	14345	3.441	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.093	45	26262	4.016	ng/ul	98
16) Acetophenone	8.387	105	26803	3.656	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.369	70	14267	3.912	ng/ul	99
18) 4-Methylphenol	8.334	108	17230	3.733	ng/ul	98
19) Hexachloroethane	8.611	117	7901	3.997	ng/ul	93
22) Nitrobenzene	8.758	77	22104	4.322	ng/ul	98
23) Isophorone	9.287	82	36380	4.053	ng/ul	99
25) 2-Nitrophenol	9.463	139	8868	4.210	ng/ul	93
26) 2,4-Dimethylphenol	9.534	107	20674	4.133	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.775	93	22038	4.062	ng/ul	92
29) 2,4-Dichlorophenol	9.993	162	14646	4.199	ng/ul	88
30) Naphthalene	10.387	128	56573	4.252	ng/ul	99
32) 4-Chloroaniline	10.516	127	23313	3.966	ng/ul	100
33) Hexachlorobutadiene	10.669	225	10209	4.598	ng/ul	99
34) Caprolactam	11.328	113	4797m	3.793	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	16861	3.823	ng/ul	91
36) 2-Methylnaphthalene	12.016	142	36200	4.182	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.240	142	37928	4.320	ng/ul	92
39)	1,2,4,5-Tetrachloroben...	12.387	216	16493	4.302	ng/ul	90
40)	Hexachlorocyclopentadiene	12.357	237	11289	4.746	ng/ul#	96
41)	2,4,6-Trichlorophenol	12.646	196	10014	4.058	ng/ul#	94
42)	2,4,5-Trichlorophenol	12.716	196	11297	4.112	ng/ul	94
43)	1,1'-Biphenyl	13.052	154	47794	4.246	ng/ul	99
44)	2-Chloronaphthalene	13.087	162	35414	4.175	ng/ul	96
45)	2-Nitroaniline	13.316	65	9485	3.276	ng/ul	93
47)	Dimethylphthalate	13.699	163	47258	4.280	ng/ul	98
48)	2,6-Dinitrotoluene	13.822	165	7104	3.578	ng/ul#	84
50)	Acenaphthylene	13.940	152	61513	4.360	ng/ul	97
51)	3-Nitroaniline	14.157	138	6801m	3.145	ng/ul	
52)	Acenaphthene	14.287	153	40281	4.263	ng/ul	98
53)	2,4-Dinitrophenol	14.369	184	5838	4.804	ng/ul	97
55)	4-Nitrophenol	14.469	109	10509	4.285	ng/ul	90
56)	Dibenzofuran	14.628	168	55407	4.252	ng/ul	97
57)	2,4-Dinitrotoluene	14.616	165	10937	3.680	ng/ul#	85
58)	2,3,4,6-Tetrachlorophenol	14.857	232	8592	3.984	ng/ul	96
59)	Diethylphthalate	15.075	149	50456	4.172	ng/ul	99
61)	Fluorene	15.281	166	45856	4.302	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.287	204	20835	4.326	ng/ul	96
63)	4-Nitroaniline	15.328	138	7796m	3.732	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.381	198	7968	4.692	ng/ul#	78
67)	N-Nitrosodiphenylamine	15.504	169	37119	4.164	ng/ul	96
68)	4-Bromophenyl-phenylether	16.187	248	11801	4.351	ng/ul	92
69)	Hexachlorobenzene	16.287	284	14579	4.664	ng/ul	95
70)	Atrazine	16.475	200	14785	4.444	ng/ul	94
71)	Pentachlorophenol	16.645	266	8837	4.560	ng/ul	93
72)	Phenanthrene	17.040	178	70260	4.272	ng/ul	99
74)	Anthracene	17.128	178	71729	4.323	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.004	216	17448	4.467	ng/uL	95
76)	Pentachlorobenzene	14.540	250	18635	5.028	ng/uL	98
77)	Carbazole	17.416	167	59742	3.828	ng/ul	97
78)	Di-n-butylphthalate	17.987	149	75713	3.940	ng/ul	100
80)	Fluoranthene	19.034	202	76569	4.305	ng/ul	97
82)	Pyrene	19.386	202	83437	4.464	ng/ul	98
83)	Butylbenzylphthalate	20.286	149	32104	3.829	ng/ul	92
84)	3,3'-Dichlorobenzidine	21.057	252	20201	3.733	ng/ul	97
85)	Benzo(a)anthracene	21.110	228	75411	4.330	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.051	149	47914	3.862	ng/ul	97
87)	Chrysene	21.163	228	75280	4.400	ng/ul	99
89)	Di-n-octyl phthalate	21.945	149	79245	3.315	ng/ul	100
90)	Benzo(b)fluoranthene	22.716	252	75644	4.089	ng/ul	98
91)	Benzo(k)fluoranthene	22.763	252	71037	4.024	ng/ul	98
93)	Benzo(a)pyrene	23.310	252	76700	4.247	ng/ul	95
94)	Indeno(1,2,3-cd)pyrene	25.763	276	88314	4.384	ng/ul	95
95)	Dibenzo(a,h)anthracene	25.786	278	73798	4.255	ng/ul	96
96)	Benzo(g,h,i)perylene	26.486	276	74749	4.362	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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