Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
Data File : BN021602.D
Acq On : 06 Sep 2022 15:45
Operator : CG/JU
Sample : N3670-05
Misc : SFAM-MDL-ME SOIL-4ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 16:13:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 06 14:13:27 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2022-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

09/06/2022
Supervised By :mohammad ahmed

09/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	238163	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	1099387	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	683691	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1375995	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	1303808	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1080610	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	24573	3.874	ng/uL	0.00
4) Pyridine-d5	3.793	84	335245	19.391	ng/ul	0.00
7) Phenol-d5	7.211	99	423252	19.594	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	281889	21.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	340800	21.686	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	352611	20.805	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	177025	23.634	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	178616	26.698	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	326689	22.049	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	497869	19.786	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	1050406	22.478	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	1299840	23.860	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	181674	19.537	ng/ul	0.00
60) Fluorene-d10	15.710	176	883728	21.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	132540	24.082	ng/ul	0.00
73) Anthracene-d10	17.569	188	1265895	20.876	ng/ul	0.00
81) Pyrene-d10	19.863	212	1483112	23.919	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1149509	22.443	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	7800	1.194	ng/uL	94
5) Pyridine	3.817	79	77608	4.461	ng/ul	89
6) Benzaldehyde	7.193	77	55254m	5.887	ng/ul	
8) Phenol	7.240	94	95508	4.279	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.481	93	79810	4.484	ng/ul	96
12) 2-Chlorophenol	7.616	128	73606	4.366	ng/ul	96
13) 2-Methylphenol	8.510	108	68715	4.052	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.605	45	106358	4.738	ng/ul	97
16) Acetophenone	8.899	105	120474	4.494	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.881	70	59720	4.474	ng/ul	94
18) 4-Methylphenol	8.840	108	78708	4.225	ng/ul	92
19) Hexachloroethane	9.158	117	30344	4.515	ng/ul#	80
22) Nitrobenzene	9.281	77	90753	4.917	ng/ul	97
23) Isophorone	9.810	82	162910	4.286	ng/ul	99
25) 2-Nitrophenol	9.999	139	41402	5.283	ng/ul	97
26) 2,4-Dimethylphenol	10.057	107	84713	4.365	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.299	93	114310	4.802	ng/ul	98
29) 2,4-Dichlorophenol	10.540	162	72252	4.654	ng/ul	99
30) Naphthalene	10.946	128	260960	4.559	ng/ul	99
32) 4-Chloroaniline	11.057	127	110459	4.236	ng/ul	95
33) Hexachlorobutadiene	11.228	225	41500	4.640	ng/ul	99
34) Caprolactam	11.828	113	26714	4.499	ng/ul	86
35) 4-Chloro-3-methylphenol	12.175	107	75615	4.322	ng/ul	95
36) 2-Methylnaphthalene	12.551	142	178550	4.611	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	186594	4.795	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.916	216	83205	4.746	ng/ul	94
40) Hexachlorocyclopentadiene	12.893	237	44980	4.309	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	50863	4.676	ng/ul	95
42) 2,4,5-Trichlorophenol	13.228	196	55906	4.684	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	247620	4.956	ng/ul	98
44) 2-Chloronaphthalene	13.598	162	180716	4.724	ng/ul	98
45) 2-Nitroaniline	13.804	65	43247	4.508	ng/ul	90
47) Dimethylphthalate	14.169	163	223560	4.677	ng/ul	98
48) 2,6-Dinitrotoluene	14.293	165	35631	4.345	ng/ul	98
50) Acenaphthylene	14.445	152	296148	4.709	ng/ul	99
51) 3-Nitroaniline	14.628	138	40221	4.403	ng/ul	95
52) Acenaphthene	14.787	153	195610	4.814	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	16797	4.184	ng/ul	96
55) 4-Nitrophenol	14.922	109	31068	4.168	ng/ul	89
56) Dibenzofuran	15.116	168	279451	4.786	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	53627	4.503	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.340	232	42148	4.601	ng/ul	93
59) Diethylphthalate	15.528	149	221906	4.604	ng/ul	96
61) Fluorene	15.769	166	221650	4.814	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.757	204	102946	4.850	ng/ul	97
63) 4-Nitroaniline	15.787	138	39214	4.277	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.839	198	33838	5.803	ng/ul#	91
67) N-Nitrosodiphenylamine	15.969	169	184518	4.785	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	58051	4.744	ng/ul	96
69) Hexachlorobenzene	16.769	284	72590	4.983	ng/ul	92
70) Atrazine	16.922	200	61617	4.515	ng/ul	98
71) Pentachlorophenol	17.116	266	36181	4.461	ng/ul	89
72) Phenanthrene	17.510	178	353006	4.857	ng/ul	100
74) Anthracene	17.604	178	344967	4.767	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.522	216	85659	4.891	ng/uL	93
76) Pentachlorobenzene	15.034	250	90089	5.400	ng/uL	97
77) Carbazole	17.875	167	305121	4.461	ng/ul	97
78) Di-n-butylphthalate	18.433	149	338237	4.387	ng/ul	98
80) Fluoranthene	19.528	202	386760	5.171	ng/ul	96
82) Pyrene	19.892	202	403531	5.177	ng/ul#	92
83) Butylbenzylphthalate	20.780	149	135059	4.578	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.575	252	86850	3.494	ng/ul	98
85) Benzo(a)anthracene	21.639	228	354188	4.512	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.557	149	191790	4.246	ng/ul#	96
87) Chrysene	21.698	228	351878	4.630	ng/ul	95
89) Di-n-octyl phthalate	22.516	149	302189	4.774	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	306426	4.661	ng/ul#	94
91) Benzo(k)fluoranthene	23.451	252	298580	5.077	ng/ul	94
93) Benzo(a)pyrene	24.063	252	299981	4.769	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.815	276	266879	3.456	ng/ul	95
95) Dibenzo(a,h)anthracene	26.851	278	239180m	3.670	ng/ul	
96) Benzo(g,h,i)perylene	27.633	276	225494	3.346	ng/ul	93

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

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