Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
Data File : BN029248.D
Acq On : 16 Jan 2024 14:31
Operator : MA/JU
Sample : 03573-05
Misc : SFAM-ME-MDL-SOIL-01
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 17 01:29:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:57:40 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	133977	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	620518	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	419265	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	962895	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	963096	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	1116696	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15799	4.870	ng/uL	0.00
4) Pyridine-d5	3.781	84	223456	22.332	ng/ul	0.00
7) Phenol-d5	7.105	99	260462	20.262	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	174656	21.542	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	200675	22.069	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	211493	20.406	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	103452	22.981	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	85117	22.799	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	193040	20.773	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	325948	19.380	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	747387	21.656	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	832397	21.417	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	113407	18.881	ng/ul	0.00
60) Fluorene-d10	15.575	176	641664	21.816	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	63737	15.740	ng/ul	0.00
73) Anthracene-d10	17.433	188	1018186	21.035	ng/ul	0.00
81) Pyrene-d10	19.727	212	1194699	22.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	1232760	21.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	3594m	1.092	ng/uL	
5) Pyridine	3.805	79	42952	4.202	ng/ul#	68
6) Benzaldehyde	7.087	77	35922m	6.227	ng/ul	
8) Phenol	7.128	94	51128	3.913	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.375	93	44391	4.186	ng/ul	98
12) 2-Chlorophenol	7.499	128	40964	4.328	ng/ul	99
13) 2-Methylphenol	8.387	108	38154	3.834	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.469	45	58350	4.303	ng/ul	96
16) Acetophenone	8.769	105	74043	4.216	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.757	70	40145	4.343	ng/ul	99
18) 4-Methylphenol	8.710	108	42816	3.998	ng/ul	95
19) Hexachloroethane	9.016	117	18337	4.267	ng/ul	86
22) Nitrobenzene	9.152	77	54241	4.358	ng/ul	99
23) Isophorone	9.675	82	108215	4.091	ng/ul	97
25) 2-Nitrophenol	9.857	139	18594	4.254	ng/ul	92
26) 2,4-Dimethylphenol	9.922	107	47287	4.046	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	63127	4.239	ng/ul#	94
29) 2,4-Dichlorophenol	10.393	162	38503	4.213	ng/ul	95
30) Naphthalene	10.793	128	149193	4.217	ng/ul	98
32) 4-Chloroaniline	10.910	127	64634	3.950	ng/ul	99
33) Hexachlorobutadiene	11.075	225	27914	4.327	ng/ul	96
34) Caprolactam	11.698	113	14995m	4.048	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	42624	3.931	ng/ul	97
36) 2-Methylnaphthalene	12.404	142	104704	4.232	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.622	142	108210	4.408	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.769	216	55621	4.257	ng/ul	98
40)	Hexachlorocyclopentadiene	12.740	237	38858	4.442	ng/ul#	92
41)	2,4,6-Trichlorophenol	13.010	196	26137	3.610	ng/ul	98
42)	2,4,5-Trichlorophenol	13.075	196	32098	3.949	ng/ul	99
43)	1,1'-Biphenyl	13.422	154	142516	4.218	ng/ul	97
44)	2-Chloronaphthalene	13.457	162	112220	4.252	ng/ul	97
45)	2-Nitroaniline	13.669	65	26499	3.788	ng/ul	96
47)	Dimethylphthalate	14.051	163	150637	4.286	ng/ul	99
48)	2,6-Dinitrotoluene	14.169	165	21535	3.790	ng/ul	98
50)	Acenaphthylene	14.304	152	192366	4.266	ng/ul	99
51)	3-Nitroaniline	14.492	138	22614	3.664	ng/ul#	93
52)	Acenaphthene	14.645	153	124565	4.208	ng/ul	98
53)	2,4-Dinitrophenol	14.698	184	11171	4.600	ng/ul	96
55)	4-Nitrophenol	14.792	109	25224	4.584	ng/ul	95
56)	Dibenzofuran	14.981	168	168940	4.220	ng/ul	99
57)	2,4-Dinitrotoluene	14.951	165	32560	3.913	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.204	232	24485	3.651	ng/ul	100
59)	Diethylphthalate	15.416	149	150400	4.102	ng/ul	98
61)	Fluorene	15.634	166	145366	4.193	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.634	204	72913	4.304	ng/ul	98
63)	4-Nitroaniline	15.651	138	25054	4.122	ng/ul	94
66)	4,6-Dinitro-2-methylph...	15.710	198	18314	3.928	ng/ul#	89
67)	N-Nitrosodiphenylamine	15.845	169	120532	4.128	ng/ul	98
68)	4-Bromophenyl-phenylether	16.528	248	35199	3.270	ng/ul	99
69)	Hexachlorobenzene	16.622	284	53672	4.143	ng/ul	93
70)	Atrazine	16.804	200	50411	4.547	ng/ul	98
71)	Pentachlorophenol	16.975	266	26418	3.775	ng/ul	97
72)	Phenanthrene	17.375	178	237388	4.249	ng/ul	99
74)	Anthracene	17.469	178	233101	4.018	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.375	216	54351	4.175	ng/uL	94
76)	Pentachlorobenzene	14.892	250	61603	4.571	ng/uL	98
77)	Carbazole	17.739	167	207722	3.872	ng/ul	99
78)	Di-n-butylphthalate	18.322	149	244690	3.740	ng/ul	99
80)	Fluoranthene	19.392	202	267887	4.236	ng/ul	99
82)	Pyrene	19.757	202	296059	4.408	ng/ul	99
83)	Butylbenzylphthalate	20.686	149	90194	3.434	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.457	252	83993	3.759	ng/ul	97
85)	Benzo(a)anthracene	21.516	228	300337	4.232	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.474	149	151113	3.485	ng/ul	100
87)	Chrysene	21.569	228	284397	4.333	ng/ul	95
89)	Di-n-octyl phthalate	22.421	149	230524	2.928	ng/ul	100
90)	Benzo(b)fluoranthene	23.216	252	277099	3.913	ng/ul	97
91)	Benzo(k)fluoranthene	23.263	252	276213	3.914	ng/ul	97
93)	Benzo(a)pyrene	23.845	252	268488	3.999	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.451	276	310933	3.659	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.474	278	269911	3.809	ng/ul	98
96)	Benzo(g,h,i)perylene	27.215	276	248973	3.669	ng/ul	96

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

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