Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
Data File : BN023565.D
Acq On : 05 Jan 2023 12:28
Operator : CG/JU
Sample : N5388-03
Misc : SFAM-MDL-S-01-4PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 05 12:59:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 03:34:47 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/06/2023
Supervised By :mohammad ahmed

01/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	154169	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	707861	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	462924	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1050333	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1052314	20.000	ng/ul	0.00
88) Perylene-d12	23.963	264	1074442	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	13519	3.774	ng/uL	0.00
4) Pyridine-d5	3.728	84	125570	11.682	ng/ul	0.00
7) Phenol-d5	7.105	99	215340	15.760	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	139814	16.680	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	173483	16.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	174055	15.960	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	84473	15.825	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	90666	16.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	169459	15.723	ng/ul	0.00
31) 4-Chloroaniline-d4	10.905	131	265609	15.667	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	565059	16.409	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	619995	16.249	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	102323	14.596	ng/ul	0.00
60) Fluorene-d10	15.593	176	490290	16.662	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	79829	12.599	ng/ul	0.00
73) Anthracene-d10	17.445	188	780771	16.612	ng/ul	0.00
81) Pyrene-d10	19.745	212	952576	15.828	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	887043	16.694	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	4268m	1.129	ng/uL	
5) Pyridine	3.752	79	33110	3.009	ng/ul#	75
6) Benzaldehyde	7.081	77	25651	4.847	ng/ul	98
8) Phenol	7.134	94	56916	4.092	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.369	93	47439	4.317	ng/ul	97
12) 2-Chlorophenol	7.505	128	46166	4.269	ng/ul	99
13) 2-Methylphenol	8.393	108	40504	3.870	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	63864	4.345	ng/ul	98
16) Acetophenone	8.775	105	72146	4.280	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	34440	4.058	ng/ul	99
18) 4-Methylphenol	8.728	108	46981	4.076	ng/ul	95
19) Hexachloroethane	9.034	117	18064	4.177	ng/ul	95
22) Nitrobenzene	9.163	77	56265	4.212	ng/ul	97
23) Isophorone	9.687	82	89604	3.709	ng/ul	99
25) 2-Nitrophenol	9.875	139	24680	3.929	ng/ul	90
26) 2,4-Dimethylphenol	9.934	107	50511	3.963	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.175	93	64517	4.117	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	45353	4.205	ng/ul	99
30) Naphthalene	10.816	128	163939	4.308	ng/ul	98
32) 4-Chloroaniline	10.928	127	68756	4.049	ng/ul	100
33) Hexachlorobutadiene	11.099	225	29317	4.395	ng/ul	96
34) Caprolactam	11.710	113	12785	3.530	ng/ul	89
35) 4-Chloro-3-methylphenol	12.052	107	45503	3.870	ng/ul	98
36) 2-Methylnaphthalene	12.422	142	108485	4.277	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.646	142	86650	3.343	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.793	216	58231	4.253	ng/ul	97
40)	Hexachlorocyclopentadiene	12.769	237	27158	3.147	ng/ul	97
41)	2,4,6-Trichlorophenol	13.034	196	32611	3.613	ng/ul#	89
42)	2,4,5-Trichlorophenol	13.104	196	37327	3.782	ng/ul	96
43)	1,1'-Biphenyl	13.434	154	150583	4.216	ng/ul	99
44)	2-Chloronaphthalene	13.475	162	115809	4.180	ng/ul	98
45)	2-Nitroaniline	13.681	65	25205	3.299	ng/ul	96
47)	Dimethylphthalate	14.057	163	145921	4.217	ng/ul	100
48)	2,6-Dinitrotoluene	14.181	165	21279	3.253	ng/ul	87
50)	Acenaphthylene	14.322	152	177447	4.183	ng/ul	97
51)	3-Nitroaniline	14.510	138	23661	3.609	ng/ul	98
52)	Acenaphthene	14.663	153	124597	4.166	ng/ul	98
53)	2,4-Dinitrophenol	14.710	184	18155	4.246	ng/ul	96
55)	4-Nitrophenol	14.810	109	22399	3.956	ng/ul	94
56)	Dibenzofuran	14.998	168	180391	4.333	ng/ul	98
57)	2,4-Dinitrotoluene	14.963	165	34182	3.579	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.222	232	31575	3.734	ng/ul	99
59)	Diethylphthalate	15.422	149	138865	4.006	ng/ul	99
61)	Fluorene	15.645	166	149309	4.429	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.640	204	73154	4.457	ng/ul	98
63)	4-Nitroaniline	15.669	138	24595m	4.075	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.722	198	26781	4.283	ng/ul#	79
67)	N-Nitrosodiphenylamine	15.857	169	119004	4.037	ng/ul	100
68)	4-Bromophenyl-phenylether	16.540	248	44021	4.181	ng/ul	97
69)	Hexachlorobenzene	16.651	284	51673	4.188	ng/ul	98
70)	Atrazine	16.810	200	35525	3.220	ng/ul	98
71)	Pentachlorophenol	16.998	266	30786	3.910	ng/ul	91
72)	Phenanthrene	17.392	178	238385	4.236	ng/ul	99
74)	Anthracene	17.481	178	234845	4.193	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.399	216	46002	3.253	ng/uL	95
76)	Pentachlorobenzene	14.916	250	44265	3.125	ng/uL	95
77)	Carbazole	17.757	167	205875	4.048	ng/ul	99
78)	Di-n-butylphthalate	18.316	149	220557	3.653	ng/ul	99
80)	Fluoranthene	19.410	202	281029	3.992	ng/ul	97
82)	Pyrene	19.769	202	302311	4.066	ng/ul	99
83)	Butylbenzylphthalate	20.669	149	90725	3.082	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.457	252	102676	4.467	ng/ul	98
85)	Benzo(a)anthracene	21.522	228	294395	4.130	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.445	149	140080	3.278	ng/ul#	96
87)	Chrysene	21.575	228	281924	4.218	ng/ul	98
89)	Di-n-octyl phthalate	22.380	149	219565	2.961	ng/ul	100
90)	Benzo(b)fluoranthene	23.222	252	294092	4.297	ng/ul	99
91)	Benzo(k)fluoranthene	23.269	252	275642	4.072	ng/ul	98
93)	Benzo(a)pyrene	23.851	252	258052	4.348	ng/ul	96
94)	Indeno(1,2,3-cd)pyrene	26.492	276	304794m	4.155	ng/ul	
95)	Dibenzo(a,h)anthracene	26.504	278	261529	4.312	ng/ul	99
96)	Benzo(g,h,i)perylene	27.268	276	244342	4.183	ng/ul	96

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

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