Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010623\
Data File : BP013406.D
Acq On : 06 Jan 2023 12:35
Operator : CG/JU
Sample : N4239-03
Misc : SFAM-MDL-S-01
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

Quant Time: Jan 06 13:10:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 01:03:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	462840	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	1896548	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	1211367	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	2746879	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	2792726	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	2967489	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	51900	4.359	ng/uL	0.00
4) Pyridine-d5	3.740	84	444066	13.371	ng/ul	0.00
7) Phenol-d5	7.081	99	661264	17.218	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	461072	19.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	544287	19.004	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	519267	17.747	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	248540	18.405	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	274412	18.563	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	534665	18.149	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	719224	17.330	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1695452	19.211	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1812334	18.551	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	241657	14.959	ng/ul	0.00
60) Fluorene-d10	15.557	176	1468774	18.841	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	263430	15.125	ng/ul	0.00
73) Anthracene-d10	17.422	188	2268064	18.681	ng/ul	0.00
81) Pyrene-d10	19.651	212	2765661	18.202	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	2763561	18.959	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	17697	1.350	ng/uL	92
5) Pyridine	3.764	79	114226	3.401	ng/ul#	76
6) Benzaldehyde	7.058	77	82064m	5.602	ng/ul	
8) Phenol	7.105	94	154388	3.886	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.340	93	133939	4.263	ng/ul	99
12) 2-Chlorophenol	7.475	128	125926	4.221	ng/ul	97
13) 2-Methylphenol	8.364	108	102651	3.597	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	215524	4.445	ng/ul	97
16) Acetophenone	8.746	105	191249	4.141	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.728	70	93883	4.252	ng/ul	97
18) 4-Methylphenol	8.693	108	121888	3.886	ng/ul	99
19) Hexachloroethane	8.999	117	52900	4.400	ng/ul	96
22) Nitrobenzene	9.128	77	143688	4.076	ng/ul	98
23) Isophorone	9.658	82	237051	3.843	ng/ul	99
25) 2-Nitrophenol	9.840	139	65636	4.084	ng/ul	94
26) 2,4-Dimethylphenol	9.899	107	125715	3.749	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.140	93	174484	4.280	ng/ul	99
29) 2,4-Dichlorophenol	10.375	162	121823	4.133	ng/ul	97
30) Naphthalene	10.781	128	414164	4.105	ng/ul	100
32) 4-Chloroaniline	10.893	127	159162	3.814	ng/ul	98
33) Hexachlorobutadiene	11.057	225	92553	4.373	ng/ul	98
34) Caprolactam	11.699	113	31693m	3.614	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	100515	3.534	ng/ul	96
36) 2-Methylnaphthalene	12.387	142	265932	4.121	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.604	142	245465	3.668	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.752	216	171501	4.130	ng/ul	99
40)	Hexachlorocyclopentadiene	12.728	237	109920	4.400	ng/ul	98
41)	2,4,6-Trichlorophenol	12.999	196	86718	3.550	ng/ul	98
42)	2,4,5-Trichlorophenol	13.069	196	93973	3.535	ng/ul	97
43)	1,1'-Biphenyl	13.399	154	375405	4.082	ng/ul	98
44)	2-Chloronaphthalene	13.440	162	296788	3.999	ng/ul	97
45)	2-Nitroaniline	13.646	65	56312m	3.136	ng/ul	
47)	Dimethylphthalate	14.016	163	368714	4.182	ng/ul	99
48)	2,6-Dinitrotoluene	14.140	165	50458	3.305	ng/ul	90
50)	Acenaphthylene	14.287	152	437499	4.064	ng/ul	99
51)	3-Nitroaniline	14.469	138	48206m	2.981	ng/ul	
52)	Acenaphthene	14.628	153	308932	4.009	ng/ul	98
53)	2,4-Dinitrophenol	14.681	184	47767	4.203	ng/ul	93
55)	4-Nitrophenol	14.775	109	44370	3.614	ng/ul	94
56)	Dibenzofuran	14.963	168	456930	4.129	ng/ul	98
57)	2,4-Dinitrotoluene	14.934	165	78336	3.451	ng/ul#	98
58)	2,3,4,6-Tetrachlorophenol	15.193	232	83869	3.616	ng/ul	98
59)	Diethylphthalate	15.381	149	338556	4.102	ng/ul	100
61)	Fluorene	15.616	166	364856	4.130	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.604	204	199339	4.321	ng/ul	98
63)	4-Nitroaniline	15.640	138	48010m	3.211	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.693	198	73819	4.294	ng/ul#	89
67)	N-Nitrosodiphenylamine	15.822	169	287547	3.871	ng/ul	99
68)	4-Bromophenyl-phenylether	16.504	248	116257	4.086	ng/ul	95
69)	Hexachlorobenzene	16.622	284	142248	4.146	ng/ul	95
70)	Atrazine	16.775	200	111486	3.926	ng/ul	99
71)	Pentachlorophenol	16.969	266	72067	3.529	ng/ul	97
72)	Phenanthrene	17.363	178	590590	4.044	ng/ul	98
74)	Anthracene	17.457	178	575421	3.989	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.363	216	151689	3.657	ng/uL	97
76)	Pentachlorobenzene	14.881	250	145326	3.598	ng/uL	99
77)	Carbazole	17.728	167	443912	3.553	ng/ul	99
78)	Di-n-butylphthalate	18.269	149	473464	3.864	ng/ul	99
80)	Fluoranthene	19.328	202	660695	3.799	ng/ul	98
82)	Pyrene	19.681	202	742725	4.031	ng/ul	98
83)	Butylbenzylphthalate	20.545	149	196127	3.508	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.322	252	161091	3.130	ng/ul	99
85)	Benzo(a)anthracene	21.392	228	722994	3.909	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.304	149	286535	3.679	ng/ul	99
87)	Chrysene	21.445	228	711145	3.945	ng/ul	99
89)	Di-n-octyl phthalate	22.245	149	474191	3.728	ng/ul	100
90)	Benzo(b)fluoranthene	23.116	252	754438	4.020	ng/ul	99
91)	Benzo(k)fluoranthene	23.163	252	727406	4.062	ng/ul	100
93)	Benzo(a)pyrene	23.757	252	687804	4.174	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.439	276	872789	3.823	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.451	278	742262	3.897	ng/ul	99
96)	Benzo(g,h,i)perylene	27.227	276	713505	3.800	ng/ul	98

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

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