Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
Data File : BP017687.D
Acq On : 16 Oct 2023 17:56
Operator : MA/JU
Sample : 02215-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 17 00:56:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	106264	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	437882	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	283949	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	704049	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	804402	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	937212	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14738	5.113	ng/uL	0.00
4) Pyridine-d5	3.699	84	188893	23.708	ng/ul	0.00
7) Phenol-d5	7.058	99	214787	21.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	140472	23.413	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	172945	22.584	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	168098	21.273	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	81793	22.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	90368	21.848	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	166149	21.373	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	244149	21.912	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	571545	23.241	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	624640	23.587	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	85642m	20.823	ng/ul	0.00
60) Fluorene-d10	15.610	176	517807	24.753	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	82437	16.566	ng/ul	0.00
73) Anthracene-d10	17.498	188	837823	23.052	ng/ul	0.00
81) Pyrene-d10	19.757	212	1093564	22.588	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1247842	23.717	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	3291	1.077	ng/uL#	77
5) Pyridine	3.722	79	30368	3.711	ng/ul#	67
6) Benzaldehyde	7.069	77	26595	5.307	ng/ul	92
8) Phenol	7.087	94	33722	3.434	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.346	93	29175	3.703	ng/ul	98
12) 2-Chlorophenol	7.458	128	28922	3.780	ng/ul	97
13) 2-Methylphenol	8.358	108	22149	3.030	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.422	45	37457m	3.685	ng/ul	
16) Acetophenone	8.763	105	44061	3.583	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.728	70	21225	3.411	ng/ul#	94
18) 4-Methylphenol	8.693	108	25964	3.268	ng/ul	95
19) Hexachloroethane	8.963	117	13344	3.904	ng/ul	92
22) Nitrobenzene	9.152	77	36221	3.834	ng/ul	93
23) Isophorone	9.669	82	55192	3.240	ng/ul	95
25) 2-Nitrophenol	9.863	139	15335	3.485	ng/ul	94
26) 2,4-Dimethylphenol	9.904	107	30308	3.466	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.163	93	36431	3.500	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	26426	3.523	ng/ul#	83
30) Naphthalene	10.787	128	96588	3.794	ng/ul	99
32) 4-Chloroaniline	10.940	127	37230	3.494	ng/ul	98
33) Hexachlorobutadiene	11.016	225	23013	3.968	ng/ul	95
34) Caprolactam	11.763	113	12894	5.620	ng/ul	91
35) 4-Chloro-3-methylphenol	12.057	107	24508m	3.097	ng/ul	
36) 2-Methylnaphthalene	12.410	142	63590	3.648	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	65714	3.714	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.763	216	38254	3.693	ng/ul	96
40) Hexachlorocyclopentadiene	12.704	237	14351	3.084	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.034	196	18391	2.883	ng/ul	95
42) 2,4,5-Trichlorophenol	13.116	196	20924	3.107	ng/ul	97
43) 1,1'-Biphenyl	13.428	154	88676	3.810	ng/ul	95
44) 2-Chloronaphthalene	13.475	162	69651	3.741	ng/ul	98
45) 2-Nitroaniline	13.728	65	15616m	3.034	ng/ul	
47) Dimethylphthalate	14.069	163	91810	3.781	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	13197m	2.936	ng/ul	
50) Acenaphthylene	14.328	152	110938	3.703	ng/ul	99
51) 3-Nitroaniline	14.575	138	13586m	2.997	ng/ul	
52) Acenaphthene	14.669	153	78768	3.953	ng/ul	98
53) 2,4-Dinitrophenol	14.781	184	14514	5.229	ng/ul	90
55) 4-Nitrophenol	14.875	109	16847m	4.372	ng/ul	
56) Dibenzofuran	15.010	168	112746	3.944	ng/ul	100
57) 2,4-Dinitrotoluene	15.016	165	22005	3.172	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.234	232	20644	3.314	ng/ul#	98
59) Diethylphthalate	15.434	149	86781	3.562	ng/ul	97
61) Fluorene	15.663	166	92786	3.937	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.657	204	49364	3.939	ng/ul	93
63) 4-Nitroaniline	15.745	138	15443	3.428	ng/ul#	34
66) 4,6-Dinitro-2-methylph...	15.769	198	15393	2.953	ng/ul#	65
67) N-Nitrosodiphenylamine	15.887	169	72687	3.455	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	28480	3.355	ng/ul	90
69) Hexachlorobenzene	16.645	284	36005	3.564	ng/ul	94
70) Atrazine	16.851	200	25752	3.163	ng/ul	90
71) Pentachlorophenol	17.028	266	21021	3.435	ng/ul	98
72) Phenanthrene	17.439	178	155214	3.747	ng/ul	100
74) Anthracene	17.534	178	157304	3.754	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	38150	3.434	ng/uL	96
76) Pentachlorobenzene	14.898	250	43794	3.841	ng/uL	97
77) Carbazole	17.833	167	125199	3.300	ng/ul	97
78) Di-n-butylphthalate	18.339	149	128741	2.755	ng/ul	98
80) Fluoranthene	19.428	202	184920	3.342	ng/ul	98
82) Pyrene	19.786	202	208726	3.611	ng/ul	96
83) Butylbenzylphthalate	20.657	149	55127	2.451	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.469	252	72742	3.530	ng/ul	98
85) Benzo(a)anthracene	21.522	228	217648	3.529	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	74250	2.184	ng/ul	98
87) Chrysene	21.580	228	214352	3.766	ng/ul	97
89) Di-n-octyl phthalate	22.386	149	133622	2.184	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	218359	3.421	ng/ul	99
91) Benzo(k)fluoranthene	23.363	252	217720	3.429	ng/ul	99
93) Benzo(a)pyrene	23.992	252	206395	3.473	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.845	276	254738	3.495	ng/ul	97
95) Dibenzo(a,h)anthracene	26.868	278	215104	3.521	ng/ul	98
96) Benzo(g,h,i)perylene	27.698	276	208551	3.598	ng/ul	98

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

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