Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101723\
Data File : BP017699.D
Acq On : 17 Oct 2023 15:46
Operator : MA/JU
Sample : 03573-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 01:29:21 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-QT3-2023-06

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	69504	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	271410	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	174763	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	410411	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	485929	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	581667	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10586	5.615	ng/uL	0.00
4) Pyridine-d5	3.699	84	119430	22.918	ng/ul	0.00
7) Phenol-d5	7.058	99	134629	20.806	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	87384	22.268	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	113209	22.602	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	103726	20.069	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	50486	22.146	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	52722	20.565	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	101170	20.997	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	146178	21.166	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	335438	22.162	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	364721	22.377	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	47911m	18.927	ng/ul	0.01
60) Fluorene-d10	15.604	176	304931	23.684	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	43293	14.924	ng/ul	0.00
73) Anthracene-d10	17.492	188	500607	23.628	ng/ul	0.00
81) Pyrene-d10	19.751	212	639877	21.879	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	779119	23.860	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	2449	1.225	ng/uL#	83
5) Pyridine	3.723	79	19036m	3.557	ng/ul	
6) Benzaldehyde	7.069	77	15328	4.677	ng/ul	97
8) Phenol	7.087	94	27032	4.209	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.340	93	21240	4.122	ng/ul	90
12) 2-Chlorophenol	7.458	128	22592	4.515	ng/ul	92
13) 2-Methylphenol	8.358	108	16956	3.547	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.416	45	27954m	4.204	ng/ul	
16) Acetophenone	8.763	105	33313	4.142	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.722	70	16667	4.095	ng/ul	95
18) 4-Methylphenol	8.693	108	20740m	3.991	ng/ul	
19) Hexachloroethane	8.963	117	9580	4.285	ng/ul	93
22) Nitrobenzene	9.152	77	27499	4.696	ng/ul#	89
23) Isophorone	9.669	82	42049	3.983	ng/ul#	97
25) 2-Nitrophenol	9.857	139	12308	4.513	ng/ul	95
26) 2,4-Dimethylphenol	9.905	107	23452	4.328	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.157	93	28919	4.483	ng/ul#	95
29) 2,4-Dichlorophenol	10.387	162	20995	4.516	ng/ul	93
30) Naphthalene	10.787	128	75269	4.770	ng/ul	97
32) 4-Chloroaniline	10.940	127	28957	4.385	ng/ul	94
33) Hexachlorobutadiene	11.010	225	17790	4.949	ng/ul	97
34) Caprolactam	11.769	113	7512m	5.282	ng/ul	
35) 4-Chloro-3-methylphenol	12.052	107	17034	3.473	ng/ul	97
36) 2-Methylnaphthalene	12.410	142	47897	4.433	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	40393	3.683	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	29143	4.571	ng/ul#	94
40) Hexachlorocyclopentadiene	12.704	237	9109	3.180	ng/ul	91
41) 2,4,6-Trichlorophenol	13.028	196	14364	3.658	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.110	196	15419m	3.720	ng/ul	
43) 1,1'-Biphenyl	13.428	154	66909	4.671	ng/ul	98
44) 2-Chloronaphthalene	13.475	162	55043	4.804	ng/ul	95
45) 2-Nitroaniline	13.728	65	11672	3.685	ng/ul	87
47) Dimethylphthalate	14.069	163	67701	4.529	ng/ul#	96
48) 2,6-Dinitrotoluene	14.222	165	9712	3.511	ng/ul#	88
50) Acenaphthylene	14.328	152	85281	4.625	ng/ul	99
51) 3-Nitroaniline	14.575	138	9119m	3.268	ng/ul	
52) Acenaphthene	14.663	153	58592	4.778	ng/ul	99
53) 2,4-Dinitrophenol	14.793	184	9759m	5.713	ng/ul	
55) 4-Nitrophenol	14.875	109	9785	4.126	ng/ul#	83
56) Dibenzofuran	15.010	168	83639	4.754	ng/ul	94
57) 2,4-Dinitrotoluene	15.016	165	15710	3.679	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.234	232	15405	4.018	ng/ul	96
59) Diethylphthalate	15.428	149	65540	4.371	ng/ul#	97
61) Fluorene	15.663	166	69523	4.793	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	37244	4.829	ng/ul	98
63) 4-Nitroaniline	15.751	138	11919m	4.299	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.769	198	10300	3.390	ng/ul#	67
67) N-Nitrosodiphenylamine	15.887	169	55046	4.489	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	21685	4.382	ng/ul	94
69) Hexachlorobenzene	16.645	284	27024	4.588	ng/ul	97
70) Atrazine	16.851	200	13577m	2.861	ng/ul	
71) Pentachlorophenol	17.028	266	14157m	3.969	ng/ul	
72) Phenanthrene	17.434	178	116275	4.816	ng/ul	99
74) Anthracene	17.534	178	113355	4.641	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	22188	3.426	ng/uL	98
76) Pentachlorobenzene	14.898	250	26315	3.960	ng/uL	93
77) Carbazole	17.834	167	91546	4.139	ng/ul	96
78) Di-n-butylphthalate	18.339	149	97065	3.564	ng/ul	98
80) Fluoranthene	19.422	202	138218	4.135	ng/ul	99
82) Pyrene	19.781	202	161300	4.620	ng/ul	100
83) Butylbenzylphthalate	20.657	149	41260	3.037	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.469	252	51714	4.155	ng/ul	99
85) Benzo(a)anthracene	21.522	228	162901	4.372	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	54468	2.652	ng/ul	98
87) Chrysene	21.575	228	166219	4.834	ng/ul	97
89) Di-n-octyl phthalate	22.380	149	98254	2.587	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	177290	4.476	ng/ul	98
91) Benzo(k)fluoranthene	23.363	252	172381	4.374	ng/ul	100
93) Benzo(a)pyrene	23.986	252	169591	4.598	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.839	276	216944	4.796	ng/ul	97
95) Dibenzo(a,h)anthracene	26.862	278	178194	4.700	ng/ul	97
96) Benzo(g,h,i)perylene	27.686	276	179286	4.984	ng/ul	99

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

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