Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112524\
Data File : BP023317.D
Acq On : 25 Nov 2024 15:40
Operator : RC/JU
Sample : P4776-06
Misc : MDL-SOIL-ME-QT4-2024
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 00:16:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	81417	20.000	ng/ul	0.00
20) Naphthalene-d8	10.304	136	302870	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.169	164	235212	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.969	188	598875	20.000	ng/ul	#-0.03
79) Chrysene-d12	21.398	240	717424	20.000	ng/ul	-0.02
88) Perylene-d12	24.592	264	820405	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	6727	3.972	ng/uL	0.00
4) Pyridine-d5	3.552	84	60945	12.111	ng/ul	0.00
7) Phenol-d5	6.781	99	68884	11.444	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	49983	14.133	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	56434	12.801	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	54646	11.032	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	27625	13.102	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	31299	12.451	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	61290	11.643	ng/ul	0.01
31) 4-Chloroaniline-d4	10.475	131	71019	11.308	ng/ul	0.00
46) Dimethylphthalate-d6	13.592	166	230530	13.599	ng/ul	0.00
49) Acenaphthylene-d8	13.863	160	238899	13.506	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	32011m	12.565	ng/ul	0.04
60) Fluorene-d10	15.175	176	200130	13.465	ng/ul	-0.03
65) 4,6-Dinitro-2-methylph...	15.351	200	38571	10.751	ng/ul	0.00
73) Anthracene-d10	17.081	188	327743	12.925	ng/ul	-0.02
81) Pyrene-d10	19.457	212	455887	13.796	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.374	264	537869	13.764	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	2638m	1.348	ng/uL	
5) Pyridine	3.569	79	20033	3.964	ng/ul#	74
6) Benzaldehyde	6.752	77	16170	4.668	ng/ul	93
8) Phenol	6.805	94	23656	3.763	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.010	93	20371	4.313	ng/ul	97
12) 2-Chlorophenol	7.152	128	19630	4.289	ng/ul	95
13) 2-Methylphenol	8.028	108	17885	3.812	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.075	45	26626	4.979	ng/ul	97
16) Acetophenone	8.387	105	34340	4.126	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.363	70	18937	4.556	ng/ul	97
18) 4-Methylphenol	8.369	108	19659	3.793	ng/ul	83
19) Hexachloroethane	8.610	117	10029	4.531	ng/ul	92
22) Nitrobenzene	8.752	77	27241	4.503	ng/ul#	86
23) Isophorone	9.263	82	48211	4.457	ng/ul	97
25) 2-Nitrophenol	9.452	139	11202	4.222	ng/ul	94
26) 2,4-Dimethylphenol	9.522	107	20399	3.560	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.746	93	27556	4.629	ng/ul	97
29) 2,4-Dichlorophenol	10.004	162	19887	3.814	ng/ul	96
30) Naphthalene	10.351	128	66337	4.508	ng/ul	99
32) 4-Chloroaniline	10.493	127	23272m	3.825	ng/ul	
33) Hexachlorobutadiene	10.622	225	20022	4.244	ng/ul	92
34) Caprolactam	11.298	113	6413m	4.135	ng/ul	
35) 4-Chloro-3-methylphenol	11.646	107	22428m	3.998	ng/ul	
36) 2-Methylnaphthalene	11.975	142	47554	4.281	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.198	142	44263	3.898	ng/ul	93
39)	1,2,4,5-Tetrachloroben...	12.351	216	35892	4.520	ng/ul	98
40)	Hexachlorocyclopentadiene	12.310	237	18304	4.389	ng/ul	99
41)	2,4,6-Trichlorophenol	12.622	196	19879m	4.111	ng/ul	
42)	2,4,5-Trichlorophenol	12.722	196	19606	3.761	ng/ul	89
43)	1,1'-Biphenyl	12.993	154	68007	4.512	ng/ul	96
44)	2-Chloronaphthalene	13.040	162	55777	4.527	ng/ul	99
45)	2-Nitroaniline	13.293	65	13513m	3.906	ng/ul	
47)	Dimethylphthalate	13.634	163	75918	4.541	ng/ul	98
48)	2,6-Dinitrotoluene	13.769	165	12479	3.837	ng/ul#	95
50)	Acenaphthylene	13.898	152	85514	4.783	ng/ul	99
51)	3-Nitroaniline	14.140	138	9602m	3.428	ng/ul	
52)	Acenaphthene	14.240	153	58817	4.531	ng/ul	97
53)	2,4-Dinitrophenol	14.363	184	14489m	6.279	ng/ul	
55)	4-Nitrophenol	14.498	109	10923m	3.665	ng/ul	
56)	Dibenzofuran	14.587	168	90912	4.533	ng/ul	96
57)	2,4-Dinitrotoluene	14.598	165	20833m	4.019	ng/ul	
58)	2,3,4,6-Tetrachlorophenol	14.828	232	21282	4.177	ng/ul	95
59)	Diethylphthalate	15.016	149	73407	4.440	ng/ul	97
61)	Fluorene	15.239	166	72260	4.402	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.239	204	43124	4.462	ng/ul	97
63)	4-Nitroaniline	15.328	138	9199m	3.529	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.369	198	16318	4.258	ng/ul#	80
67)	N-Nitrosodiphenylamine	15.457	169	61031	4.410	ng/ul	94
68)	4-Bromophenyl-phenylether	16.151	248	29264	4.315	ng/ul	96
69)	Hexachlorobenzene	16.269	284	36169	4.237	ng/ul	98
70)	Atrazine	16.445	200	28286	4.229	ng/ul	95
71)	Pentachlorophenol	16.639	266	33311m	6.285	ng/ul	
72)	Phenanthrene	17.016	178	126999	4.491	ng/ul	98
74)	Anthracene	17.122	178	123052	4.328	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	12.963	216	34414	4.352	ng/uL	96
76)	Pentachlorobenzene	14.498	250	36042	3.992	ng/uL	96
77)	Carbazole	17.428	167	95476	3.849	ng/ul	94
78)	Di-n-butylphthalate	17.980	149	117102	4.255	ng/ul	99
80)	Fluoranthene	19.110	202	171873	4.515	ng/ul	99
82)	Pyrene	19.492	202	186352	4.557	ng/ul	99
83)	Butylbenzylphthalate	20.445	149	56009	4.160	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.321	252	54991m	3.415	ng/ul	
85)	Benzo(a)anthracene	21.380	228	197856	4.517	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.310	149	81343	4.251	ng/ul	99
87)	Chrysene	21.451	228	194983	4.730	ng/ul	99
89)	Di-n-octyl phthalate	22.510	149	147240	4.424	ng/ul	100
90)	Benzo(b)fluoranthene	23.586	252	209543m	4.589	ng/ul	
91)	Benzo(k)fluoranthene	23.657	252	211463	4.704	ng/ul#	99
93)	Benzo(a)pyrene	24.451	252	175846	4.260	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.227	276	236225m	4.107	ng/ul	
95)	Dibenzo(a,h)anthracene	28.268	278	199243m	4.267	ng/ul	
96)	Benzo(g,h,i)perylene	29.362	276	196067m	4.488	ng/ul	

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

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