Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
Data File : VD079884.D
Acq On : 24 Sep 2024 18:33
Operator : RP/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025914

Quant Time: Sep 25 01:25:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 25 01:21:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	133285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	133183	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	68736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	107640	18.572	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.280%			
7) Chloroethane-d5	2.805	69	100305	21.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.440%			
11) 1,1-Dichloroethene-d2	3.922	65	20561	19.539	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.160%			
21) 2-Butanone-d5	6.987	46	28889	53.649	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.300%			
24) Chloroform-d	7.569	84	111867	25.533	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.120%			
26) 1,2-Dichloroethane-d4	8.228	65	59368	25.913	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.640%			
32) Benzene-d6	8.204	84	224153	23.839	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.360%			
36) 1,2-Dichloropropane-d6	9.210	67	70249	24.394	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.560%			
41) Toluene-d8	10.269	98	206329	24.937	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.760%			
43) trans-1,3-Dichloroprop...	10.522	79	29562	23.877	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.520%			
47) 2-Hexanone-d5	10.875	63	26350	56.131	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.260%			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	59495	28.115	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.440%			
66) 1,2-Dichlorobenzene-d4	13.816	152	64039	24.705	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	51456	20.246	ug/L	99
3) Chloromethane	2.146	50	93567	21.002	ug/L	100
5) Vinyl chloride	2.281	62	122142	22.373	ug/L	98
6) Bromomethane	2.693	94	76742	27.917	ug/L	95
8) Chloroethane	2.840	64	86173	23.892	ug/L	96
9) Trichlorofluoromethane	3.181	101	90914	23.161	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	50456	23.222	ug/L #	86
12) 1,1-Dichloroethene	3.946	96	44481	21.980	ug/L	88
13) Acetone	4.022	43	32001	48.745	ug/L	92
14) Carbon disulfide	4.269	76	132785	20.172	ug/L	99
15) Methyl Acetate	4.569	43	25188	24.086	ug/L #	87
16) Methylene chloride	4.805	84	64281	24.408	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	51428	23.834	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	122932	25.325	ug/L #	89
19) 1,1-Dichloroethane	6.110	63	109316	25.505	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	61073	25.706	ug/L	96
22) 2-Butanone	7.081	43	38160	49.551	ug/L	99
23) Bromochloromethane	7.422	128	25857	25.643	ug/L	95
25) Chloroform	7.599	83	116644	26.144	ug/L	93

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Quant Title : SFAM01.0
QLast Update : Wed Sep 25 01:21:43 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	71682	26.287	ug/L		96
29) Cyclohexane	7.875	56	75456	22.905	ug/L		100
30) 1,1,1-Trichloroethane	7.793	97	93259	25.689	ug/L		98
31) Carbon tetrachloride	7.993	117	80757	25.107	ug/L		100
33) Benzene	8.252	78	253301	25.542	ug/L		100
34) Trichloroethene	9.028	95	57663	25.164	ug/L		96
35) Methylcyclohexane	9.275	83	88136	23.834	ug/L		99
37) 1,2-Dichloropropane	9.304	63	71041	26.267	ug/L	#	100
38) Bromodichloromethane	9.587	83	83301	26.433	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	100920	26.573	ug/L		94
40) 4-Methyl-2-pentanone	10.157	43	75790	53.534	ug/L		99
42) Toluene	10.334	91	276446	26.464	ug/L		99
44) trans-1,3-Dichloropropene	10.551	75	91949	27.472	ug/L		98
45) 1,1,2-Trichloroethane	10.734	97	49097	26.571	ug/L		95
46) Tetrachloroethene	10.810	164	39064	25.110	ug/L		94
48) 2-Hexanone	10.922	43	58497	50.797	ug/L		99
49) Dibromochloromethane	11.075	129	54824	27.183	ug/L		97
50) 1,2-Dibromoethane	11.181	107	43277	27.117	ug/L		96
51) Chlorobenzene	11.604	112	166356	26.536	ug/L		97
52) Ethylbenzene	11.681	91	296353	27.006	ug/L		99
53) m,p-Xylene	11.792	106	113177	27.229	ug/L		96
54) o-Xylene	12.122	106	110814	27.191	ug/L		97
55) Styrene	12.134	104	202533	28.277	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.669	83	59939	27.674	ug/L		98
59) Bromoform	12.298	173	29817	25.129	ug/L	#	98
60) Isopropylbenzene	12.422	105	299199	25.212	ug/L		98
61) 1,2,3-Trichloropropane	12.722	75	40615	24.039	ug/L		96
62) 1,3,5-Trimethylbenzene	12.904	105	232439	26.782	ug/L		100
63) 1,2,4-Trimethylbenzene	13.210	105	230934	25.373	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	124895	25.467	ug/L		96
65) 1,4-Dichlorobenzene	13.534	146	130698	25.408	ug/L		98
67) 1,2-Dichlorobenzene	13.828	146	113690	25.649	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.439	75	8275	23.937	ug/L		90
69) 1,3,5-Trichlorobenzene	14.592	180	76148	25.608	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	62143	24.821	ug/L		96
71) Naphthalene	15.328	128	138444	24.758	ug/L		99
72) 1,2,3-Trichlorobenzene	15.516	180	59280	26.470	ug/L		99

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

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