Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
Data File : VD075425.D
Acq On : 01 Mar 2023 13:35
Operator : KP/SY
Sample : VSTD2.511
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/02/2023
Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 02 01:01:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 02 01:01:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	332278	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	289339	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	130477	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	27333	3.313	ug/L		0.00
7) Chloroethane-d5	2.799	69	23962	3.355	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.911	63	23394	3.036	ug/L		-0.01
21) 2-Butanone-d5	6.987	46	4125m	5.395	ug/L		0.00
24) Chloroform-d	7.569	84	26159	3.004	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	11192	2.967	ug/L		0.00
32) Benzene-d6	8.199	84	52223	3.039	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	14544	2.995	ug/L		0.00
41) Toluene-d8	10.269	98	45201	2.884	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.534	79	6077	3.062	ug/L		0.00
47) 2-Hexanone-d5	10.881	63	3830	5.467	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	12291	3.025	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	13552	2.969	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	14209	2.780	ug/L		98
3) Chloromethane	2.146	50	24911	2.898	ug/L		94
5) Vinyl chloride	2.281	62	29031	2.685	ug/L		95
6) Bromomethane	2.693	94	12562	2.452	ug/L		96
8) Chloroethane	2.834	64	17804	2.594	ug/L		95
9) Trichlorofluoromethane	3.170	101	21659	2.676	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	14721	2.633	ug/L	#	87
12) 1,1-Dichloroethene	3.946	96	12312m	2.500	ug/L		
13) Acetone	4.028	43	5110m	5.883	ug/L		
14) Carbon disulfide	4.269	76	37221	2.704	ug/L		97
15) Methyl Acetate	4.569	43	3711m	2.516	ug/L		
16) Methylene chloride	4.811	84	26496	3.774	ug/L		94
17) trans-1,2-Dichloroethene	5.311	96	12938	2.452	ug/L		88
18) Methyl tert-butyl Ether	5.316	73	21359	2.178	ug/L	#	79
19) 1,1-Dichloroethane	6.116	63	22074	2.473	ug/L		99
20) cis-1,2-Dichloroethene	7.081	96	14174	2.378	ug/L		97
22) 2-Butanone	7.087	43	5927	5.408	ug/L		99
23) Bromochloromethane	7.422	128	6021	2.357	ug/L		82
25) Chloroform	7.599	83	25359	2.605	ug/L		96
27) 1,2-Dichloroethane	8.322	62	13496	2.571	ug/L		98
29) Cyclohexane	7.875	56	14219	2.297	ug/L		96
30) 1,1,1-Trichloroethane	7.787	97	20898	2.686	ug/L		97
31) Carbon tetrachloride	7.993	117	15422	2.496	ug/L		100
33) Benzene	8.252	78	52188	2.510	ug/L		100
34) Trichloroethene	9.028	95	14653	2.698	ug/L		94
35) Methylcyclohexane	9.275	83	20174	2.381	ug/L		96
37) 1,2-Dichloropropane	9.310	63	12692	2.484	ug/L	#	92
38) Bromodichloromethane	9.587	83	17731	2.623	ug/L		98
39) cis-1,3-Dichloropropene	10.016	75	18013	2.303	ug/L		98
40) 4-Methyl-2-pentanone	10.163	43	8508	4.342	ug/L		94
42) Toluene	10.334	91	53735	2.359	ug/L		99
44) trans-1,3-Dichloropropene	10.552	75	14864	2.307	ug/L		99

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Quant Title : SFAM01.0
QLast Update : Thu Mar 02 01:01:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	9781	2.397	ug/L		90
46) Tetrachloroethene	10.810	164	10804	2.596	ug/L		97
48) 2-Hexanone	10.922	43	6536	4.533	ug/L	#	95
49) Dibromochloromethane	11.075	129	10717	2.404	ug/L		89
50) 1,2-Dibromoethane	11.181	107	8763	2.375	ug/L	#	88
51) Chlorobenzene	11.610	112	35923	2.428	ug/L		95
52) Ethylbenzene	11.687	91	55076	2.275	ug/L		93
53) m,p-Xylene	11.799	106	20625	2.162	ug/L		98
54) o-Xylene	12.122	106	18702	2.073	ug/L		100
55) Styrene	12.140	104	33214	2.073	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.675	83	10424	2.334	ug/L	#	84
59) Bromoform	12.304	173	6036	2.564	ug/L		99
60) Isopropylbenzene	12.422	105	52353	2.386	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	7347	2.809	ug/L		94
62) 1,3,5-Trimethylbenzene	12.904	105	37351	2.267	ug/L		98
63) 1,2,4-Trimethylbenzene	13.216	105	35655	2.214	ug/L		96
64) 1,3-Dichlorobenzene	13.457	146	23905	2.463	ug/L		100
65) 1,4-Dichlorobenzene	13.545	146	25629	2.567	ug/L		89
67) 1,2-Dichlorobenzene	13.834	146	21463	2.481	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.451	75	1308	2.575	ug/L		89
69) 1,3,5-Trichlorobenzene	14.592	180	15221	2.500	ug/L		98
70) 1,2,4-trichlorobenzene	15.104	180	11451	2.340	ug/L		99
71) Naphthalene	15.334	128	22006	2.267	ug/L		98
72) 1,2,3-Trichlorobenzene	15.528	180	9703	2.249	ug/L		92

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

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