Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
Data File : VD075764.D
Acq On : 20 Apr 2023 14:25
Operator : KP/SY
Sample : VSTD00528
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 21 05:43:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 21 05:40:53 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTD005128

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	376970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	336830	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	157534	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	33876	4.096	ug/L	0.00
7) Chloroethane-d5	2.805	69	32097	4.492	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	8298	4.352	ug/L	0.00
21) 2-Butanone-d5	6.987	46	6618	9.218	ug/L	0.00
24) Chloroform-d	7.569	84	44275	4.697	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	19618	4.873	ug/L	0.00
32) Benzene-d6	8.198	84	91856	4.679	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	26184	4.819	ug/L	0.00
41) Toluene-d8	10.269	98	82986	4.515	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	10490	4.670	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	6088	9.305	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	21334	5.131	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	26040	4.673	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	22774	4.382	ug/L	96
3) Chloromethane	2.146	50	37176	5.132	ug/L	98
5) Vinyl chloride	2.281	62	46198	4.879	ug/L	98
6) Bromomethane	2.693	94	30152	4.739	ug/L	94
8) Chloroethane	2.840	64	30741	5.020	ug/L	98
9) Trichlorofluoromethane	3.169	101	37400	4.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	24329m	4.760	ug/L	
12) 1,1-Dichloroethene	3.940	96	23727	4.787	ug/L	88
13) Acetone	4.010	43	6332m	10.306	ug/L	
14) Carbon disulfide	4.269	76	84452	4.878	ug/L	100
15) Methyl Acetate	4.563	43	6990	5.250	ug/L #	71
16) Methylene chloride	4.799	84	42462	5.553	ug/L	92
17) trans-1,2-Dichloroethene	5.310	96	27439	4.937	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	40697m	4.565	ug/L	
19) 1,1-Dichloroethane	6.110	63	41417	5.087	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	28431	4.838	ug/L	96
22) 2-Butanone	7.081	43	7826	9.771	ug/L	97
23) Bromochloromethane	7.422	128	13453	4.936	ug/L	83
25) Chloroform	7.593	83	47181	5.171	ug/L	94
27) 1,2-Dichloroethane	8.322	62	24024	5.100	ug/L	95
29) Cyclohexane	7.875	56	25714	4.459	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	36969	5.188	ug/L	99
31) Carbon tetrachloride	7.987	117	29039	5.079	ug/L	95
33) Benzene	8.251	78	103001	5.055	ug/L	100
34) Trichloroethene	9.028	95	26434	5.017	ug/L	95
35) Methylcyclohexane	9.275	83	37048	4.561	ug/L	99
37) 1,2-Dichloropropane	9.304	63	23600	5.043	ug/L	97
38) Bromodichloromethane	9.581	83	32218	5.105	ug/L	90
39) cis-1,3-Dichloropropene	10.016	75	35205	4.730	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	17112	10.028	ug/L	98
42) Toluene	10.334	91	107997	4.898	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	29434	4.923	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	20364	5.114	ug/L		95
46) Tetrachloroethene	10.816	164	21023	4.865	ug/L		89
48) 2-Hexanone	10.922	43	12192	10.135	ug/L		91
49) Dibromochloromethane	11.075	129	21886	5.049	ug/L		98
50) 1,2-Dibromoethane	11.181	107	18503	5.154	ug/L		95
51) Chlorobenzene	11.610	112	74258	5.148	ug/L		97
52) Ethylbenzene	11.687	91	107763	4.766	ug/L		97
53) m,p-Xylene	11.792	106	44355	4.927	ug/L		93
54) o-Xylene	12.122	106	38953	4.555	ug/L		91
55) Styrene	12.134	104	68169	4.580	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.675	83	20832	5.142	ug/L		99
59) Bromoform	12.298	173	12122	5.021	ug/L	#	97
60) Isopropylbenzene	12.422	105	99115	4.745	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	13406	5.417	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	68648	4.407	ug/L		100
63) 1,2,4-Trimethylbenzene	13.216	105	67284	4.481	ug/L		98
64) 1,3-Dichlorobenzene	13.457	146	48824	4.885	ug/L		97
65) 1,4-Dichlorobenzene	13.539	146	53895	5.138	ug/L		97
67) 1,2-Dichlorobenzene	13.833	146	43195	4.840	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.451	75	2616	5.288	ug/L	#	85
69) 1,3,5-Trichlorobenzene	14.598	180	29944	4.470	ug/L		98
70) 1,2,4-trichlorobenzene	15.104	180	23241	4.186	ug/L		98
71) Naphthalene	15.333	128	43243	4.257	ug/L		98
72) 1,2,3-Trichlorobenzene	15.528	180	21388	4.316	ug/L		96

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

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