Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
Data File : VW027283.D
Acq On : 11 Oct 2023 13:00
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV465

Quant Time: Oct 12 01:18:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 12 01:13:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	494970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	453686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	234318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	208047	27.541	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.160%			
7) Chloroethane-d5	2.899	69	155351	28.641	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.560%			
11) 1,1-Dichloroethene-d2	4.021	65	102289	27.024	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.080%			
21) 2-Butanone-d5	7.075	46	126004	50.185	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.380%			
24) Chloroform-d	7.648	84	394757	26.759	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.040%			
26) 1,2-Dichloroethane-d4	8.306	65	209239	26.403	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.600%			
32) Benzene-d6	8.276	84	825270	26.886	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.560%			
36) 1,2-Dichloropropane-d6	9.276	67	248326	26.487	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.960%			
41) Toluene-d8	10.324	98	724092	26.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.040%			
43) trans-1,3-Dichloroprop...	10.574	79	112509	26.320	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.280%			
47) 2-Hexanone-d5	10.922	63	103270	53.239	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.480%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	178889	25.574	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	217507	25.615	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	149267	25.346	ug/L #	88
3) Chloromethane	2.222	50	178305	26.345	ug/L	100
5) Vinyl chloride	2.374	62	193520	25.598	ug/L	97
6) Bromomethane	2.789	94	109705	25.477	ug/L	98
8) Chloroethane	2.935	64	115368	26.511	ug/L	100
9) Trichlorofluoromethane	3.265	101	142604	26.737	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	175848	26.329	ug/L #	51
12) 1,1-Dichloroethene	4.045	96	168611	25.978	ug/L	95
13) Acetone	4.118	43	142767	65.834	ug/L	99
14) Carbon disulfide	4.386	76	497402	24.720	ug/L	100
15) Methyl Acetate	4.667	43	90823	24.521	ug/L	99
16) Methylene chloride	4.917	84	186680	20.604	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	179781	25.773	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	301047	25.015	ug/L	100
19) 1,1-Dichloroethane	6.221	63	361916	25.430	ug/L	96
20) cis-1,2-Dichloroethene	7.166	96	200015	25.391	ug/L	98
22) 2-Butanone	7.166	43	167414	51.577	ug/L	99
23) Bromochloromethane	7.514	128	81479	25.053	ug/L	95
25) Chloroform	7.678	83	340588	25.570	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	231167	25.549	ug/L	99
29) Cyclohexane	7.959	56	349470	25.370	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	288672	26.084	ug/L	99
31) Carbon tetrachloride	8.069	117	258523	25.907	ug/L	99
33) Benzene	8.325	78	759902	25.629	ug/L	100
34) Trichloroethene	9.087	95	200411	25.589	ug/L	91
35) Methylcyclohexane	9.331	83	358628	25.606	ug/L	99
37) 1,2-Dichloropropane	9.367	63	204162	25.466	ug/L	99
38) Bromodichloromethane	9.641	83	248831	25.242	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	339221	25.615	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	282101	51.166	ug/L	100
42) Toluene	10.385	91	796018	25.592	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	287336	25.714	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	139309	25.252	ug/L	97
46) Tetrachloroethene	10.861	164	139233	25.746	ug/L	94
48) 2-Hexanone	10.964	43	236452	57.944	ug/L	99
49) Dibromochloromethane	11.129	129	153744	25.094	ug/L	96
50) 1,2-Dibromoethane	11.233	107	133086	24.882	ug/L	95
51) Chlorobenzene	11.653	112	496312	25.481	ug/L	97
52) Ethylbenzene	11.726	91	933853	25.837	ug/L	98
53) m,p-Xylene	11.836	106	348744	25.439	ug/L	99
54) o-Xylene	12.159	106	330111	25.145	ug/L	95
55) Styrene	12.178	104	568800	25.369	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	169230	25.128	ug/L	97
59) Bromoform	12.348	173	88309	25.328	ug/L	97
60) Isopropylbenzene	12.458	105	919658	24.984	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	125707	24.570	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	779889	25.400	ug/L	99
63) 1,2,4-Trimethylbenzene	13.244	105	756811	25.192	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	373774	25.040	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	369758	24.804	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	319765	24.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	31563	24.684	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	249487	25.747	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	214728	26.035	ug/L	99
71) Naphthalene	15.360	128	455422	26.851	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	178669	26.345	ug/L	95

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

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