Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
Data File : VW026333.D
Acq On : 26 Jun 2023 13:36
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV470

Quant Time: Jun 27 01:46:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 27 01:41:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	699009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	637948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	301537	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	272025	26.787	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.160%			
7) Chloroethane-d5	2.893	69	182891	25.335	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.320%			
11) 1,1-Dichloroethene-d2	4.027	65	120602	26.232	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.920%			
21) 2-Butanone-d5	7.075	46	160742	50.365	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.740%			
24) Chloroform-d	7.648	84	501839	25.336	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.360%			
26) 1,2-Dichloroethane-d4	8.307	65	286922	25.780	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.120%			
32) Benzene-d6	8.276	84	1022172	25.886	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.560%			
36) 1,2-Dichloropropane-d6	9.276	67	327160	25.497	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.000%			
41) Toluene-d8	10.325	98	888874	25.717	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.880%			
43) trans-1,3-Dichloroprop...	10.575	79	129526	25.142	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.560%			
47) 2-Hexanone-d5	10.922	63	104969	53.268	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	255924	25.334	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.320%			
66) 1,2-Dichlorobenzene-d4	13.849	152	266730	25.405	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	214224	25.495	ug/L	99
3) Chloromethane	2.229	50	323608	26.635	ug/L	97
5) Vinyl chloride	2.375	62	316852	25.082	ug/L	100
6) Bromomethane	2.783	94	166325	23.987	ug/L	98
8) Chloroethane	2.930	64	160810	23.740	ug/L	100
9) Trichlorofluoromethane	3.265	101	218445	24.515	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	238552	24.730	ug/L #	73
12) 1,1-Dichloroethene	4.051	96	231750	25.641	ug/L	93
13) Acetone	4.119	43	113930	44.599	ug/L	97
14) Carbon disulfide	4.393	76	819760	25.667	ug/L	99
15) Methyl Acetate	4.667	43	151796	25.921	ug/L	99
16) Methylene chloride	4.917	84	272345	23.024	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	255310	25.700	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	410804	26.440	ug/L	99
19) 1,1-Dichloroethane	6.216	63	527924	25.374	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	276648	25.770	ug/L	98
22) 2-Butanone	7.167	43	189659	48.523	ug/L	98
23) Bromochloromethane	7.514	128	117900	25.604	ug/L	91
25) Chloroform	7.679	83	490234	25.425	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 27 01:41:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	358012	25.824	ug/L	99
29) Cyclohexane	7.959	56	481156	26.119	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	382751	24.801	ug/L	100
31) Carbon tetrachloride	8.069	117	344086	24.802	ug/L	100
33) Benzene	8.325	78	1109902	25.757	ug/L	100
34) Trichloroethene	9.093	95	272542	24.702	ug/L	98
35) Methylcyclohexane	9.337	83	491354	25.969	ug/L	98
37) 1,2-Dichloropropane	9.368	63	300868	24.990	ug/L	100
38) Bromodichloromethane	9.642	83	351058	25.391	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	449485	26.059	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	428926	55.196	ug/L	99
42) Toluene	10.386	91	1129206	26.122	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	381534	26.204	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	206344	25.598	ug/L	97
46) Tetrachloroethene	10.861	164	193654	24.914	ug/L	92
48) 2-Hexanone	10.965	43	297783	54.308	ug/L	98
49) Dibromochloromethane	11.130	129	216674	26.251	ug/L	99
50) 1,2-Dibromoethane	11.233	107	192073	25.953	ug/L	100
51) Chlorobenzene	11.654	112	683439	24.786	ug/L	96
52) Ethylbenzene	11.727	91	1268331	26.038	ug/L	95
53) m,p-Xylene	11.837	106	465250	26.190	ug/L	95
54) o-Xylene	12.166	106	441962	26.423	ug/L	93
55) Styrene	12.178	104	774017	26.532	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	258326	25.638	ug/L	98
59) Bromoform	12.349	173	122322	26.816	ug/L	96
60) Isopropylbenzene	12.459	105	1202615	26.536	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	192995	26.330	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	971158	27.644	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	947060	27.951	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	486784	25.078	ug/L	95
65) 1,4-Dichlorobenzene	13.580	146	492169	25.336	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	440804	25.497	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	41729	24.701	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	301780	24.194	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	268159	26.270	ug/L	99
71) Naphthalene	15.360	128	593166	28.907	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	233954	24.548	ug/L	99

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

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