

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
 Data File : VW018975.D
 Acq On : 12 May 2021 13:43
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005105

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:09:53 PM

Quant Time: May 12 14:48:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 12 14:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	581184	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	528564	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	273111	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	40854	5.64	ug/L	0.00
7) Chloroethane-d5	2.891	69	31862	5.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	73431	5.09	ug/L	0.00
21) 2-Butanone-d5	7.086	46	16269	8.93	ug/L	0.00
24) Chloroform-d	7.653	84	81028	5.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	41599	5.04	ug/L	0.00
32) Benzene-d6	8.280	84	161027	5.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	47196	5.45	ug/L	0.00
41) Toluene-d8	10.323	98	144357	5.26	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	17982	4.64	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	12826	8.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	34771	4.87	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	49789	5.34	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	25952	4.80	ug/L	90
3) Chloromethane	2.215	50	26513	5.08	ug/L	98
5) Vinyl chloride	2.367	62	43900	5.21	ug/L	97
6) Bromomethane	2.788	94	34365	5.73	ug/L	98
8) Chloroethane	2.928	64	26728	5.22	ug/L	98
9) Trichlorofluoromethane	3.263	101	28622	4.44	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	36603m	4.89	ug/L	
12) 1,1-Dichloroethene	4.050	96	36557	4.90	ug/L	89
13) Acetone	4.129	43	10835	7.86	ug/L	79
14) Carbon disulfide	4.391	76	104685	4.71	ug/L	99
15) Methyl Acetate	4.677	43	12596	4.40	ug/L	94
16) Methylene chloride	4.915	84	52885	5.51	ug/L	89
17) trans-1,2-Dichloroethene	5.427	96	38983	4.84	ug/L	97
18) Methyl tert-butyl Ether	5.433	73	51384	4.73	ug/L #	86
19) 1,1-Dichloroethane	6.220	63	69140	4.99	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	42602	5.03	ug/L	98
22) 2-Butanone	7.177	43	16603	8.62	ug/L	97
23) Bromochloromethane	7.518	128	19069	5.10	ug/L	92
25) Chloroform	7.683	83	72615	5.03	ug/L	100
27) 1,2-Dichloroethane	8.402	62	47060	4.88	ug/L	100
29) Cyclohexane	7.957	56	59099	4.75	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	57209	4.96	ug/L	99
31) Carbon tetrachloride	8.067	117	50718	4.83	ug/L	99
33) Benzene	8.329	78	163157	5.19	ug/L	100
34) Trichloroethene	9.091	95	42415	5.08	ug/L	94
35) Methylcyclohexane	9.335	83	69240	4.71	ug/L	99
37) 1,2-Dichloropropane	9.372	63	39492	5.25	ug/L	99
38) Bromodichloromethane	9.652	83	49505	4.99	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	55417	4.65	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	38003	8.53	ug/L	94
42) Toluene	10.390	91	173636	5.01	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	46695	4.51	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.792	97	28246	4.81	ug/L	98
46) Tetrachloroethene	10.865	164	32884	5.16	ug/L	94
48) 2-Hexanone	10.969	43	23606	8.21	ug/L	91
49) Dibromochloromethane	11.128	129	30791	4.80	ug/L	94
50) 1,2-Dibromoethane	11.237	107	27213	4.79	ug/L	98
51) Chlorobenzene	11.658	112	110726	5.20	ug/L	96
52) Ethylbenzene	11.731	91	188469	4.89	ug/L	99
53) m,p-Xylene	11.841	106	71323	4.99	ug/L	93
54) o-Xylene	12.164	106	67050	4.92	ug/L	98
55) Styrene	12.182	104	114236	4.97	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	32883	4.69	ug/L	94
59) Bromoform	12.347	173	16214	4.40	ug/L #	39
60) Isopropylbenzene	12.463	105	182423	4.68	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	24237	4.38	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	146538	4.52	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	149103	4.60	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	83607	5.07	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	85809	5.17	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	75492	5.03	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4458	3.83	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	60545	5.08	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	48822	4.96	ug/L	99
71) Naphthalene	15.365	128	81911	4.09	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	42376	4.83	ug/L	97

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

MMDadoda
5/13/2021 4:09:53 PM

Abundance

TIC: VW018975.D\data.ms

Time-->

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, T

Vinyl Chloride, T

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Acetone, T

1,1-Dichloroethane, T

Carbon disulfide, T

Methyl Acetate, T

Methylene chloride, T

Methyl 2-Dichloroacetate, T

1,1-Dichloroethane, T

2-Butanone, T

1,2-Dichloroethane, T

Bromochloromethane, T

Chloroform, T

1,1,1-Trichloroethane, T

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,2-Dichloroethane, T

1,2-Dichloroethane, T

1,4-Difluorobenzene, T

Trichloroethene, T

1,2-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-pentanone, T

Toluene, T

trans-1,3-Dichloropropene, T

1,1,2-Trichloroethene, T

1,1,2-Trichloroethene, T

2-Hexanone, T

Bromochloromethane, T

1,2-Dibromomethane, T

Chlorobenzene, T

m,p-Xylene, T

Chlorobenzene, T

Bromobenzene, T

Isopropylbenzene

1,2,3-Trichlorobenzene, T

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

1,3-Dichlorobenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

1,3,5-Trichlorobenzene

1,2-Dibromo-3-chloropropane, T

1,2,4-trichlorobenzene, T

Naphthalene

1,2,3-Trichlorobenzene, T