

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
 Data File : VW016783.D
 Acq On : 06 Oct 2020 06:48
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5101

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:10:46 PM

Quant Time: Oct 06 08:13:57 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M

Quant Title : SFAM01.0

QLast Update : Tue Oct 06 08:08:29 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	573877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	522455	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	259130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	11072	1.84	ug/L	0.00
7) Chloroethane-d5	2.89	69	13217	2.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	28990	2.37	ug/L	0.00
21) 2-Butanone-d5	7.09	46	6808	5.70	ug/L	0.01
24) Chloroform-d	7.65	84	32621	2.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	16015	2.80	ug/L	0.00
32) Benzene-d6	8.27	84	63679	2.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	17833	2.74	ug/L	0.00
41) Toluene-d8	10.32	98	60923	2.67	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	6944	2.42	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	5038	5.33	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	13998	2.85	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	22948	2.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	16843	2.326 ug/L	89
3) Chloromethane	2.21	50	13764	2.336 ug/L	98
5) Vinyl chloride	2.37	62	14219	1.712 ug/L	97
6) Bromomethane	2.78	94	14582	2.555 ug/L	91
8) Chloroethane	2.93	64	12481	2.592 ug/L	94
9) Trichlorofluoromethane	3.26	101	13181	1.913 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	20080m	2.657 ug/L	
12) 1,1-Dichloroethene	4.05	96	17635	2.345 ug/L	98
13) Acetone	4.12	43	7308	8.311 ug/L	97
14) Carbon disulfide	4.39	76	45448	1.977 ug/L	98
15) Methyl Acetate	4.67	43	6001	2.719 ug/L #	68
16) Methylene chloride	4.92	84	27685	3.271 ug/L	92
17) trans-1,2-Dichloroethene	5.43	96	19734	2.535 ug/L	98
18) Methyl tert-butyl Ether	5.43	73	21896	2.593 ug/L	99
19) 1,1-Dichloroethane	6.21	63	31027	2.564 ug/L	96
20) cis-1,2-Dichloroethene	7.17	96	19975	2.503 ug/L	99
22) 2-Butanone	7.18	43	7948	5.265 ug/L	95
23) Bromochloromethane	7.52	128	9572	2.553 ug/L	94
25) Chloroform	7.68	83	33103	2.549 ug/L	97
27) 1,2-Dichloroethane	8.40	62	20260	2.642 ug/L #	93
29) Cyclohexane	7.96	56	25606	2.317 ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	28072	2.472 ug/L	99
31) Carbon tetrachloride	8.07	117	26409	2.355 ug/L	97
33) Benzene	8.33	78	72763	2.557 ug/L	100
34) Trichloroethene	9.09	95	20587	2.567 ug/L	98
35) Methylcyclohexane	9.34	83	32310	2.377 ug/L	98
37) 1,2-Dichloropropane	9.37	63	16835	2.608 ug/L	98
38) Bromodichloromethane	9.65	83	22915	2.531 ug/L	100
39) cis-1,3-Dichloropropene	10.07	75	23777	2.293 ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	16362	5.178 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	78212	2.467	ug/L	98
44) trans-1,3-Dichloropropene	10.61	75	19606	2.226	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	13745	2.659	ug/L	93
46) Tetrachloroethene	10.87	164	19092	2.600	ug/L	81
48) 2-Hexanone	10.97	43	10047	4.839	ug/L	97
49) Dibromochloromethane	11.13	129	15442	2.350	ug/L	96
50) 1,2-Dibromoethane	11.24	107	12244	2.421	ug/L	93
51) Chlorobenzene	11.66	112	54954	2.612	ug/L	99
52) Ethylbenzene	11.73	91	87153	2.462	ug/L	99
53) m,p-Xylene	11.84	106	33702	2.428	ug/L	96
54) o-Xylene	12.16	106	30978	2.367	ug/L	85
55) Styrene	12.18	104	50793	2.337	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	14484	2.604	ug/L #	96
59) Bromoform	12.35	173	8979	2.415	ug/L	98
60) Isopropylbenzene	12.46	105	83940	2.361	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	11119	2.748	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	66217	2.285	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	64214	2.372	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	43488	2.624	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	43367	2.640	ug/L	96
67) 1,2-Dichlorobenzene	13.87	146	37352	2.561	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.49	75	2036	2.347	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	30040	2.475	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	23721	2.476	ug/L	99
71) Naphthalene	15.37	128	35194	2.285	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	19690	2.434	ug/L	93

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

