

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\
 Data File : VW018222.D
 Acq On : 23 Feb 2021 11:36
 Operator : SY/VA
 Sample : VSTD00506
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005106

Manual Integrations
 APPROVED

MMDadoda
 2/24/2021 1:35:41 PM

Quant Time: Feb 23 13:32:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 22 16:44:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	440363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	405607	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	208919	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	23616	3.01	ug/L	0.00
7) Chloroethane-d5	2.898	69	18729	2.81	ug/L	0.01
11) 1,1-Dichloroethene-d2	4.025	63	48816	3.75	ug/L	0.00
21) 2-Butanone-d5	7.086	46	10568	5.62	ug/L	0.01
24) Chloroform-d	7.653	84	54578	4.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	27464	3.71	ug/L	0.00
32) Benzene-d6	8.275	84	104937	4.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	29751	4.28	ug/L	0.00
41) Toluene-d8	10.323	98	101853	4.42	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12710	4.16	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8864	7.25	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25243	3.86	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	39104	5.07	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	27544m	4.96	ug/L	
3) Chloromethane	2.215	50	20527	3.69	ug/L	97
5) Vinyl chloride	2.367	62	29982	3.60	ug/L	97
6) Bromomethane	2.782	94	20510	2.80	ug/L	99
8) Chloroethane	2.928	64	16116	3.00	ug/L	96
9) Trichlorofluoromethane	3.263	101	19507	3.63	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	28779	4.34	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	27476	4.48	ug/L	91
13) Acetone	4.135	43	7541	5.90	ug/L	86
14) Carbon disulfide	4.391	76	79837	4.41	ug/L	99
15) Methyl Acetate	4.678	43	9375	2.85	ug/L	95
16) Methylene chloride	4.928	84	32551m	4.41	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	29260	4.45	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	30560	3.99	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	46250	4.07	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	30003	4.35	ug/L	85
22) 2-Butanone	7.177	43	11495	5.45	ug/L	93
23) Bromochloromethane	7.513	128	14839	4.70	ug/L #	81
25) Chloroform	7.677	83	50178	4.13	ug/L	96
27) 1,2-Dichloroethane	8.403	62	31464	3.72	ug/L #	94
29) Cyclohexane	7.958	56	40091	3.97	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	40783	4.22	ug/L	96
31) Carbon tetrachloride	8.067	117	39878	4.33	ug/L	99
33) Benzene	8.323	78	109710	4.32	ug/L	100
34) Trichloroethene	9.092	95	30568	4.41	ug/L	90
35) Methylcyclohexane	9.335	83	50501	4.34	ug/L	97
37) 1,2-Dichloropropane	9.366	63	25472	4.12	ug/L #	96
38) Bromodichloromethane	9.646	83	34544	4.05	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	38805	4.17	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	25531	6.02	ug/L #	93
42) Toluene	10.390	91	119809	4.33	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	33122	4.07	ug/L	98

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45) 1,1,2-Trichloroethane	10.786	97	21302	4.22	ug/L	97
46) Tetrachloroethene	10.860	164	27399	5.23	ug/L	95
48) 2-Hexanone	10.969	43	17418	6.10	ug/L #	95
49) Dibromochloromethane	11.128	129	24588	4.31	ug/L	92
50) 1,2-Dibromoethane	11.238	107	20047	4.04	ug/L #	96
51) Chlorobenzene	11.658	112	80973	4.54	ug/L	92
52) Ethylbenzene	11.731	91	134699	4.35	ug/L	96
53) m,p-Xylene	11.835	106	52976	4.45	ug/L	97
54) o-Xylene	12.164	106	48785	4.41	ug/L	94
55) Styrene	12.182	104	83675	4.41	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	24015	3.78	ug/L	99
59) Bromoform	12.347	173	14263	4.44	ug/L #	98
60) Isopropylbenzene	12.463	105	133252	4.28	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	18056	3.68	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	112463	4.46	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	109876	4.39	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	65623	4.90	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	66529	4.90	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	59987	4.84	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	3722	3.49	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.627	180	52231	5.63	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	41640	5.39	ug/L	98
71) Naphthalene	15.365	128	70392	4.11	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	35701	5.10	ug/L	96

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

