

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033121\
 Data File : VW018503.D
 Acq On : 31 Mar 2021 10:17
 Operator : SY/VA
 Sample : VSTD2.506
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5106

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 3:21:26 PM

Quant Time: Mar 31 12:02:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 31 12:01:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	471762	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	429434	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	219597	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	19077	3.36	ug/L	0.00
7) Chloroethane-d5	2.885	69	16131	3.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	31131	2.90	ug/L	0.00
21) 2-Butanone-d5	7.086	46	7511	6.25	ug/L	0.01
24) Chloroform-d	7.647	84	31506	2.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	18751	3.11	ug/L	0.00
32) Benzene-d6	8.275	84	58312	2.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	17165	2.73	ug/L	0.00
41) Toluene-d8	10.323	98	56193	2.61	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	7683	2.66	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	5845	5.61	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	15715	2.97	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	19491	2.50	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	12073	2.11	ug/L	96
3) Chloromethane	2.215	50	15977	3.32	ug/L	94
5) Vinyl chloride	2.367	62	24804	3.52	ug/L	94
6) Bromomethane	2.782	94	18901	3.87	ug/L	97
8) Chloroethane	2.928	64	14293	3.56	ug/L	95
9) Trichlorofluoromethane	3.263	101	9616	2.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	14714	2.39	ug/L #	76
12) 1,1-Dichloroethene	4.044	96	16123	2.68	ug/L	88
13) Acetone	4.123	43	5855	7.02	ug/L	83
14) Carbon disulfide	4.391	76	45893	2.48	ug/L #	95
15) Methyl Acetate	4.672	43	6937m	3.20	ug/L	
16) Methylene chloride	4.922	84	21786	3.30	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	16910	2.63	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	21454	3.19	ug/L	96
19) 1,1-Dichloroethane	6.220	63	29997	2.92	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	17008	2.53	ug/L	90
22) 2-Butanone	7.171	43	8375m	6.22	ug/L	
23) Bromochloromethane	7.519	128	8081	2.56	ug/L	89
25) Chloroform	7.677	83	31526	2.82	ug/L	92
27) 1,2-Dichloroethane	8.397	62	22071	3.13	ug/L	98
29) Cyclohexane	7.958	56	24690	2.76	ug/L #	89
30) 1,1,1-Trichloroethane	7.872	97	24418	2.72	ug/L	96
31) Carbon tetrachloride	8.067	117	22830	2.64	ug/L	100
33) Benzene	8.323	78	64906	2.72	ug/L	100
34) Trichloroethene	9.092	95	17696	2.66	ug/L	92
35) Methylcyclohexane	9.335	83	29754	2.70	ug/L	98
37) 1,2-Dichloropropane	9.372	63	15050	2.69	ug/L	99
38) Bromodichloromethane	9.646	83	21213	2.71	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	22000	2.44	ug/L	92
40) 4-Methyl-2-pentanone	10.213	43	19192	6.39	ug/L	97
42) Toluene	10.390	91	69830	2.64	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	20493	2.60	ug/L	94

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

45) 1,1,2-Trichloroethane	10.786	97	12365	2.70	ug/L	90
46) Tetrachloroethene	10.860	164	12961	2.25	ug/L	90
48) 2-Hexanone	10.969	43	13579	6.58	ug/L	99
49) Dibromochloromethane	11.128	129	13284	2.37	ug/L	83
50) 1,2-Dibromoethane	11.232	107	12608	2.81	ug/L	96
51) Chlorobenzene	11.652	112	45940	2.62	ug/L	94
52) Ethylbenzene	11.731	91	78972	2.64	ug/L	99
53) m,p-Xylene	11.841	106	28313	2.46	ug/L	95
54) o-Xylene	12.170	106	27095	2.47	ug/L	99
55) Styrene	12.183	104	46214	2.48	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	15567	2.93	ug/L	90
59) Bromoform	12.353	173	7611	2.39	ug/L #	40
60) Isopropylbenzene	12.463	105	75032	2.57	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	11866	3.09	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	60774	2.48	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	61800	2.52	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	33394	2.40	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	35713	2.57	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	32077	2.57	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	2776	3.27	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.627	180	26365	2.50	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	21764	2.52	ug/L	94
71) Naphthalene	15.365	128	42057	2.66	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	19836	2.61	ug/L	97

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

