

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018836.D
 Acq On : 29 Apr 2021 10:21
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005104

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 4:52:14 PM

Quant Time: Apr 29 11:47:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 11:46:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	651893	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	587287	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	285805	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41913	5.76	ug/L	0.00
7) Chloroethane-d5	2.892	69	32345	5.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	84289	5.79	ug/L	0.00
21) 2-Butanone-d5	7.086	46	20830	11.11	ug/L	0.00
24) Chloroform-d	7.647	84	86686	5.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	49000	5.83	ug/L	0.00
32) Benzene-d6	8.275	84	172128	5.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	50466	5.80	ug/L	0.00
41) Toluene-d8	10.323	98	161136	5.94	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	21139	5.64	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	15651	10.62	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	41321	5.73	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	50227	5.94	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	27348	5.14	ug/L	95
3) Chloromethane	2.215	50	27792	5.64	ug/L	100
5) Vinyl chloride	2.367	62	46440	5.56	ug/L	99
6) Bromomethane	2.782	94	33253	5.74	ug/L	99
8) Chloroethane	2.922	64	28493	5.76	ug/L	98
9) Trichlorofluoromethane	3.263	101	34284	5.48	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41843m	5.65	ug/L	
12) 1,1-Dichloroethene	4.044	96	41174	5.51	ug/L	89
13) Acetone	4.135	43	16773m	10.77	ug/L	
14) Carbon disulfide	4.385	76	116878	5.42	ug/L	99
15) Methyl Acetate	4.678	43	15606	5.29	ug/L	93
16) Methylene chloride	4.916	84	57446	5.57	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	44941	5.62	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	62330	5.60	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	77847	5.66	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	47106	5.62	ug/L	94
22) 2-Butanone	7.177	43	22454	10.98	ug/L	93
23) Bromochloromethane	7.513	128	20588	5.61	ug/L	92
25) Chloroform	7.677	83	81253	5.64	ug/L	99
27) 1,2-Dichloroethane	8.403	62	54840	5.58	ug/L	97
29) Cyclohexane	7.958	56	70787	5.63	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	64968	5.62	ug/L	99
31) Carbon tetrachloride	8.067	117	58525	5.60	ug/L	99
33) Benzene	8.324	78	181000	5.70	ug/L	100
34) Trichloroethene	9.092	95	47369	5.68	ug/L	96
35) Methylcyclohexane	9.336	83	84509	5.78	ug/L	97
37) 1,2-Dichloropropane	9.372	63	42961	5.66	ug/L	100
38) Bromodichloromethane	9.646	83	52961	5.47	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	64204	5.51	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	50498	10.83	ug/L	95
42) Toluene	10.390	91	198623	5.76	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	54372	5.41	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	32776	5.51	ug/L	95
46) Tetrachloroethene	10.860	164	35285	5.61	ug/L	93
48) 2-Hexanone	10.969	43	31531	10.68	ug/L	94
49) Dibromochloromethane	11.128	129	33495	5.37	ug/L	96
50) 1,2-Dibromoethane	11.238	107	30736	5.40	ug/L	98
51) Chlorobenzene	11.658	112	120032	5.71	ug/L	97
52) Ethylbenzene	11.731	91	217412	5.75	ug/L	99
53) m,p-Xylene	11.841	106	78844	5.62	ug/L	96
54) o-Xylene	12.164	106	74337	5.62	ug/L	99
55) Styrene	12.183	104	122731	5.58	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	38763	5.43	ug/L	99
59) Bromoform	12.347	173	17426	5.41	ug/L #	97
60) Isopropylbenzene	12.463	105	206749	5.78	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29696	5.54	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	171009	5.76	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	166809	5.64	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	85372	5.60	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	88025	5.73	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	77025	5.64	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	5716	5.28	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	60041	5.50	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	51854	5.74	ug/L	100
71) Naphthalene	15.365	128	100331	5.43	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	44471	5.69	ug/L	97

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

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