

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021829.D
 Acq On : 11 Jan 2022 13:03
 Operator : SY/VA
 Sample : VSTD00545
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005445

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 11 13:58:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 11 13:58:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	131229	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	126886	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	74206	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	11807	4.687	ug/L	0.00
7) Chloroethane-d5	2.885	69	10196	5.721	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	20195	5.372	ug/L	0.00
21) 2-Butanone-d5	7.092	46	3599m	10.029	ug/L	0.00
24) Chloroform-d	7.653	84	22364	5.480	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	11234	5.321	ug/L	0.00
32) Benzene-d6	8.281	84	42940	5.602	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.280	67	11244	5.427	ug/L	0.00
41) Toluene-d8	10.323	98	44267	5.782	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4469	4.611	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2687	8.882	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	8860	5.330	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	16444	5.784	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	2175m	3.108	ug/L	
3) Chloromethane	2.215	50	10241	5.259	ug/L	98
5) Vinyl chloride	2.361	62	14263	4.973	ug/L	98
6) Bromomethane	2.782	94	11457	6.125	ug/L	93
8) Chloroethane	2.916	64	7903	5.584	ug/L	92
9) Trichlorofluoromethane	3.257	101	10559	5.829	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	11707	5.434	ug/L	90
12) 1,1-Dichloroethene	4.044	96	10350	5.355	ug/L	70
13) Acetone	4.153	43	3273m	10.622	ug/L	
14) Carbon disulfide	4.379	76	25979	4.763	ug/L	99
15) Methyl Acetate	4.696	43	3116	5.340	ug/L	100
16) Methylene chloride	4.921	84	12054	5.170	ug/L	76
17) trans-1,2-Dichloroethene	5.434	96	11169	5.430	ug/L	74
18) Methyl tert-butyl Ether	5.427	73	13990	5.042	ug/L	# 67
19) 1,1-Dichloroethane	6.226	63	15959	5.034	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	11442	5.387	ug/L	71
22) 2-Butanone	7.189	43	3994m	9.726	ug/L	
23) Bromochloromethane	7.519	128	5593	5.430	ug/L	# 56
25) Chloroform	7.677	83	19152	5.234	ug/L	100
27) 1,2-Dichloroethane	8.403	62	11498	4.970	ug/L	# 93
29) Cyclohexane	7.964	56	15113	5.160	ug/L	# 76
30) 1,1,1-Trichloroethane	7.878	97	17130	5.115	ug/L	# 92
31) Carbon tetrachloride	8.073	117	16102	4.919	ug/L	94
33) Benzene	8.329	78	42072	5.426	ug/L	100
34) Trichloroethene	9.098	95	12284	5.556	ug/L	90
35) Methylcyclohexane	9.335	83	19448	5.327	ug/L	# 80
37) 1,2-Dichloropropane	9.372	63	8968	5.218	ug/L	# 92
38) Bromodichloromethane	9.646	83	11635	4.518	ug/L	# 93
39) cis-1,3-Dichloropropene	10.073	75	12683	4.589	ug/L	93
40) 4-Methyl-2-pentanone	10.213	43	8004	8.890	ug/L	# 83
42) Toluene	10.390	91	45734	5.122	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	10297	4.205	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	7504	5.293	ug/L	94
46) Tetrachloroethene	10.859	164	11938	5.752	ug/L	96
48) 2-Hexanone	10.975	43	5439	8.983	ug/L #	89
49) Dibromochloromethane	11.128	129	8622	4.568	ug/L	89
50) 1,2-Dibromoethane	11.237	107	7344	5.227	ug/L	88
51) Chlorobenzene	11.658	112	32225	5.512	ug/L	91
52) Ethylbenzene	11.731	91	50248	5.019	ug/L	92
53) m,p-Xylene	11.841	106	21116	5.228	ug/L	83
54) o-Xylene	12.164	106	19178	5.034	ug/L	88
55) Styrene	12.182	104	31086	4.770	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.719	83	8190	5.319	ug/L #	94
59) Bromoform	12.347	173	4700	4.514	ug/L #	97
60) Isopropylbenzene	12.463	105	52829	5.110	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	5890	5.325	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.938	105	42460	4.879	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	42838	4.997	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	27525	5.599	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	26971	5.519	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	24062	5.641	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	1104	4.711	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	19656	5.491	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	15303	5.396	ug/L	94
71) Naphthalene	15.359	128	22074	4.832	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	12845	5.339	ug/L	94

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

