

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021667.D
 Acq On : 28 Dec 2021 10:38
 Operator : SY/VA
 Sample : VSTD00539
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005439

Quant Time: Dec 28 11:52:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 11:51:54 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/29/2021
 Supervised By : Mahesh Dadoda 12/30/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105583	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100205	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58857	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10025	5.168	ug/L	0.00
7) Chloroethane-d5	2.885	69	6615	5.117	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	15216	5.739	ug/L	0.00
21) 2-Butanone-d5	7.086	46	2735	9.499	ug/L	0.00
24) Chloroform-d	7.647	84	16379	5.382	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	8536	5.263	ug/L	0.00
32) Benzene-d6	8.275	84	30650	5.499	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	8358	5.550	ug/L	0.00
41) Toluene-d8	10.323	98	30244	5.357	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	3748	5.290	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2258	9.841	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	6310	4.895	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	11203	4.891	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	2727	5.893	ug/L	99
3) Chloromethane	2.215	50	8277	5.778	ug/L	95
5) Vinyl chloride	2.355	62	12519	5.710	ug/L	96
6) Bromomethane	2.776	94	8144	5.721	ug/L	96
8) Chloroethane	2.916	64	5533	5.425	ug/L	97
9) Trichlorofluoromethane	3.257	101	7395	6.231	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	8986	5.947	ug/L	# 88
12) 1,1-Dichloroethene	4.038	96	8017	5.901	ug/L	89
13) Acetone	4.135	43	2706	10.598	ug/L	95
14) Carbon disulfide	4.385	76	22620	6.237	ug/L	98
15) Methyl Acetate	4.678	43	2454	5.514	ug/L	95
16) Methylene chloride	4.916	84	10941	6.113	ug/L	82
17) trans-1,2-Dichloroethene	5.422	96	8488	5.781	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	11533	5.549	ug/L	95
19) 1,1-Dichloroethane	6.220	63	13495	5.833	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	8614	5.563	ug/L	89
22) 2-Butanone	7.177	43	3340	9.906	ug/L	87
23) Bromochloromethane	7.525	128	4255	5.809	ug/L	# 60
25) Chloroform	7.677	83	15621	5.811	ug/L	97
27) 1,2-Dichloroethane	8.403	62	9697	5.619	ug/L	99
29) Cyclohexane	7.958	56	12018	5.834	ug/L	# 81
30) 1,1,1-Trichloroethane	7.872	97	14412	6.183	ug/L	95
31) Carbon tetrachloride	8.067	117	13969	6.429	ug/L	99
33) Benzene	8.330	78	32220	5.721	ug/L	100
34) Trichloroethene	9.098	95	9406	5.933	ug/L	90
35) Methylcyclohexane	9.335	83	15334	5.868	ug/L	# 85
37) 1,2-Dichloropropane	9.372	63	7374	5.870	ug/L	# 96
38) Bromodichloromethane	9.646	83	11031	6.257	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	11106	5.538	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	7594	10.833	ug/L	# 94
42) Toluene	10.390	91	36941	5.663	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	9767	5.492	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	5598	5.367	ug/L	93
46) Tetrachloroethene	10.860	164	8589	5.738	ug/L	95
48) 2-Hexanone	10.969	43	4717	9.371	ug/L #	92
49) Dibromochloromethane	11.128	129	7540	5.756	ug/L	87
50) 1,2-Dibromoethane	11.231	107	5745	5.468	ug/L #	99
51) Chlorobenzene	11.658	112	23473	5.384	ug/L	94
52) Ethylbenzene	11.731	91	40442	5.459	ug/L	97
53) m,p-Xylene	11.841	106	15989	5.367	ug/L	86
54) o-Xylene	12.164	106	15071	5.349	ug/L	89
55) Styrene	12.176	104	25620	5.296	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	5967	5.032	ug/L	89
59) Bromoform	12.347	173	3883	5.093	ug/L	95
60) Isopropylbenzene	12.463	105	40432	5.019	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	4457	5.045	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	34919	5.078	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	33782	4.951	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	19248	5.006	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	20351	5.360	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	17755	5.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	932m	4.933	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	14969	5.246	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	11732	5.032	ug/L	95
71) Naphthalene	15.365	128	17816	4.692	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	10079	5.288	ug/L	95

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

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