

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024059.D
 Acq On : 25 Jul 2022 08:31
 Operator : SY/VA
 Sample : VSTD2.556
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5456

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 00:18:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 00:18:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	215012	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	210937	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	107016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	10700	2.322	ug/L	0.00
7) Chloroethane-d5	2.873	69	7721m	2.479	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.001	63	10480	2.582	ug/L	-0.01
21) 2-Butanone-d5	7.086	46	4707m	5.734	ug/L	0.01
24) Chloroform-d	7.647	84	16524	2.795	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	9234	2.719	ug/L	0.00
32) Benzene-d6	8.269	84	23488	2.397	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	8434	2.729	ug/L	0.00
41) Toluene-d8	10.323	98	22325	2.278	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	3110	2.270	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2750	4.256	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9560	2.681	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	9070	2.617	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	3249	2.016	ug/L #	89
3) Chloromethane	2.209	50	10189	2.471	ug/L	98
5) Vinyl chloride	2.349	62	17414	2.710	ug/L	99
6) Bromomethane	2.763	94	10233	2.884	ug/L	76
8) Chloroethane	2.910	64	6999	2.476	ug/L	99
9) Trichlorofluoromethane	3.245	101	9029	3.018	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	7508	2.711	ug/L #	86
12) 1,1-Dichloroethene	4.025	96	6204	2.732	ug/L	69
13) Acetone	4.117	43	3801m	6.591	ug/L	
14) Carbon disulfide	4.373	76	19149	2.746	ug/L #	95
15) Methyl Acetate	4.672	43	3793m	2.705	ug/L	
16) Methylene chloride	4.915	84	11629m	3.552	ug/L	
17) trans-1,2-Dichloroethene	5.415	96	6949	2.501	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	9204m	2.235	ug/L	
19) 1,1-Dichloroethane	6.214	63	14218	2.709	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	7210m	2.363	ug/L	
22) 2-Butanone	7.177	43	4407	4.724	ug/L	79
23) Bromochloromethane	7.513	128	4006	2.551	ug/L	84
25) Chloroform	7.677	83	16215	2.670	ug/L	95
27) 1,2-Dichloroethane	8.397	62	11232	2.596	ug/L #	84
29) Cyclohexane	7.952	56	8531	2.195	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	12552	2.662	ug/L	96
31) Carbon tetrachloride	8.061	117	11594	2.668	ug/L	99
33) Benzene	8.323	78	30807	2.528	ug/L	100
34) Trichloroethene	9.085	95	8781	2.721	ug/L	90
35) Methylcyclohexane	9.335	83	10895	2.222	ug/L	92
37) 1,2-Dichloropropane	9.366	63	8275	2.686	ug/L	98
38) Bromodichloromethane	9.640	83	11887	2.706	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	10371	2.311	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	10065	4.695	ug/L	94
42) Toluene	10.384	91	31261	2.268	ug/L	92
44) trans-1,3-Dichloropropene	10.603	75	8925	2.100	ug/L	92

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

45) 1,1,2-Trichloroethane	10.786	97	7115	2.644	ug/L	90
46) Tetrachloroethene	10.853	164	6409	2.538	ug/L	91
48) 2-Hexanone	10.969	43	6799	4.376	ug/L #	92
49) Dibromochloromethane	11.122	129	7628	2.426	ug/L	90
50) 1,2-Dibromoethane	11.238	107	6629	2.516	ug/L #	76
51) Chlorobenzene	11.658	112	22754	2.453	ug/L	96
52) Ethylbenzene	11.731	91	33345	2.195	ug/L	97
53) m,p-Xylene	11.835	106	12251	2.078	ug/L	83
54) o-Xylene	12.164	106	10857	1.926	ug/L	92
55) Styrene	12.176	104	18441	1.826	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	9778	2.621	ug/L #	97
59) Bromoform	12.347	173	4043	2.444	ug/L	95
60) Isopropylbenzene	12.463	105	28006	2.066	ug/L	96
61) 1,2,3-Trichloropropane	12.762	75	7180	2.985	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	20014	1.835	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	20358	1.844	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	15317	2.363	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	17895	2.600	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	14367	2.369	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	1582	2.943	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	9874	2.388	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	7008	2.237	ug/L	98
71) Naphthalene	15.365	128	12905	1.925	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	6550	2.223	ug/L	88

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

