

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022360.D
 Acq On : 01 Apr 2022 11:25
 Operator : SY/VA
 Sample : VSTD2.562
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5462

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 01 13:27:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 01 13:26:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	299478m	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	289751	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	148498	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	12723	3.103	ug/L	0.00
7) Chloroethane-d5	2.891	69	7073m	2.268	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	19589m	3.111	ug/L	-0.01
21) 2-Butanone-d5	7.092	46	6540m	8.724	ug/L	0.01
24) Chloroform-d	7.652	84	20814	2.915	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	11618	3.015	ug/L	0.00
32) Benzene-d6	8.274	84	39624	2.801	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	11858	2.981	ug/L	0.00
41) Toluene-d8	10.323	98	35838	2.570	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5567	3.043	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	4682	6.878	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9188	2.671	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	11948	2.457	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	3203	3.208	ug/L	91
3) Chloromethane	2.214	50	9116	3.003	ug/L	100
5) Vinyl chloride	2.367	62	15422	3.239	ug/L	98
6) Bromomethane	2.781	94	7194	2.294	ug/L	73
8) Chloroethane	2.922	64	5475	2.175	ug/L	94
9) Trichlorofluoromethane	3.257	101	5341	1.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	10831	2.912	ug/L #	68
12) 1,1-Dichloroethene	4.043	96	10086	3.077	ug/L	80
13) Acetone	4.129	43	5565	9.466	ug/L	89
14) Carbon disulfide	4.397	76	30267	3.360	ug/L	96
15) Methyl Acetate	4.683	43	5983m	4.234	ug/L	
17) trans-1,2-Dichloroethene	5.433	96	11976	3.254	ug/L	90
18) Methyl tert-butyl Ether	5.421	73	21988m	4.166	ug/L	
19) 1,1-Dichloroethane	6.220	63	22084	3.591	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	12439	3.140	ug/L #	85
22) 2-Butanone	7.177	43	6438	7.334	ug/L	74
23) Bromochloromethane	7.518	128	5548	2.954	ug/L #	72
25) Chloroform	7.683	83	21595	3.115	ug/L	88
27) 1,2-Dichloroethane	8.402	62	15906	3.492	ug/L #	92
29) Cyclohexane	7.957	56	21135	3.860	ug/L	88
30) 1,1,1-Trichloroethane	7.878	97	19049	3.107	ug/L #	77
31) Carbon tetrachloride	8.067	117	16728	2.899	ug/L	100
33) Benzene	8.329	78	49585	3.266	ug/L	100
34) Trichloroethene	9.091	95	12570	2.950	ug/L	94
35) Methylcyclohexane	9.335	83	21987	3.261	ug/L #	87
37) 1,2-Dichloropropane	9.372	63	11675m	3.262	ug/L	
38) Bromodichloromethane	9.646	83	16144	3.168	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	18969	3.443	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	16404	8.037	ug/L #	92
42) Toluene	10.390	91	51893	3.031	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	17373	3.457	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	8700	2.873	ug/L	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.865	164	9185	2.575	ug/L	88
48) 2-Hexanone	10.969	43	11425	8.136	ug/L #	93
49) Dibromochloromethane	11.127	129	10336	2.790	ug/L	93
50) 1,2-Dibromoethane	11.237	107	8837	3.005	ug/L	92
51) Chlorobenzene	11.658	112	32898	2.839	ug/L	92
52) Ethylbenzene	11.731	91	56064	2.957	ug/L	92
53) m,p-Xylene	11.835	106	21286	2.778	ug/L	82
54) o-Xylene	12.164	106	21466	2.987	ug/L	90
55) Styrene	12.176	104	35977	2.949	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.712	83	10919	3.054	ug/L #	91
59) Bromoform	12.347	173	4907	2.389	ug/L #	90
60) Isopropylbenzene	12.463	105	56592	2.958	ug/L #	97
61) 1,2,3-Trichloropropane	12.767	75	8560	3.368	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.944	105	30706	2.524	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	46331	2.962	ug/L	92
64) 1,3-Dichlorobenzene	13.493	146	21941	2.429	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	24384	2.650	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	20584	2.544	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	2341	4.239	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	15989	2.512	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	12505	2.524	ug/L	97
71) Naphthalene	15.358	128	27975	3.095	ug/L	98
72) 1,2,3-Trichlorobenzene	15.547	180	10657	2.485	ug/L	99

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

