

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025264.D
 Acq On : 03 Feb 2023 08:19
 Operator : SY/MD
 Sample : VSTD2.519
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5419

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/03/2023
 Supervised By :Mahesh Dadoda 02/04/2023

Quant Time: Feb 03 11:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	411335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	357275	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	8624	2.167	ug/L	0.00
7) Chloroethane-d5	2.904	69	9405	2.661	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	28983	2.626	ug/L	0.00
21) 2-Butanone-d5	7.104	46	5458m	5.300	ug/L	0.02
24) Chloroform-d	7.653	84	28549	2.648	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	14044	2.674	ug/L	0.00
32) Benzene-d6	8.275	84	57262	2.644	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	16284	2.570	ug/L	0.00
41) Toluene-d8	10.323	98	51696	2.671	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6559	2.771	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3509	4.940	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9620	2.233	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	17179	2.880	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	13435m	2.740	ug/L	
3) Chloromethane	2.221	50	11666	2.187	ug/L	89
5) Vinyl chloride	2.373	62	10185	1.872	ug/L	99
6) Bromomethane	2.794	94	8948	2.402	ug/L	84
8) Chloroethane	2.934	64	7840	2.308	ug/L	86
9) Trichlorofluoromethane	3.275	101	18618	2.379	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.086	101	13555	2.388	ug/L #	78
12) 1,1-Dichloroethene	4.050	96	13332	2.366	ug/L	89
13) Acetone	4.141	43	6799m	6.022	ug/L	
14) Carbon disulfide	4.385	76	42674	2.318	ug/L	98
15) Methyl Acetate	4.684	43	4901m	2.886	ug/L	
16) Methylene chloride	4.915	84	23731	3.389	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	14991	2.478	ug/L	88
18) Methyl tert-butyl Ether	5.428	73	20498	2.357	ug/L #	92
19) 1,1-Dichloroethane	6.220	63	25662	2.382	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	14744	2.321	ug/L	84
22) 2-Butanone	7.183	43	7529m	5.664	ug/L	
23) Bromochloromethane	7.519	128	6179	2.361	ug/L	90
25) Chloroform	7.677	83	26864	2.424	ug/L	99
27) 1,2-Dichloroethane	8.403	62	16679	2.471	ug/L	99
29) Cyclohexane	7.958	56	23025	2.238	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	23895	2.358	ug/L	98
31) Carbon tetrachloride	8.067	117	22198	2.368	ug/L	99
33) Benzene	8.329	78	58164	2.353	ug/L	100
34) Trichloroethene	9.091	95	15189	2.193	ug/L	97
35) Methylcyclohexane	9.335	83	28076	2.271	ug/L	99
37) 1,2-Dichloropropane	9.372	63	13756	2.256	ug/L	98
38) Bromodichloromethane	9.646	83	18512	2.283	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	21459	2.149	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	11684	4.340	ug/L	95
42) Toluene	10.390	91	60039	2.442	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	16817	2.363	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	9827	2.557	ug/L	98
46) Tetrachloroethene	10.859	164	11930	2.696	ug/L	98
48) 2-Hexanone	10.975	43	8438	4.965	ug/L	97
49) Dibromochloromethane	11.128	129	10588	2.439	ug/L	99
50) 1,2-Dibromoethane	11.237	107	9073	2.577	ug/L #	91
51) Chlorobenzene	11.658	112	40711	2.516	ug/L	96
52) Ethylbenzene	11.731	91	70185	2.383	ug/L	99
53) m,p-Xylene	11.841	106	26210	2.348	ug/L	94
54) o-Xylene	12.164	106	24963	2.221	ug/L	86
55) Styrene	12.182	104	41764	2.195	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	8761	1.913	ug/L #	94
59) Bromoform	12.347	173	5723	2.346	ug/L #	97
60) Isopropylbenzene	12.463	105	68921	2.367	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	6328	2.070	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	46694	1.989	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	55443	2.357	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	29091	2.412	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	29565	2.484	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	26016	2.503	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	1614	2.261	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	20804	2.652	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	15748	2.466	ug/L	97
71) Naphthalene	15.365	128	26838	2.299	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	13776	2.512	ug/L	99

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

