

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025243.D
 Acq On : 30 Jan 2023 10:08
 Operator : SY/MD
 Sample : VSTD2.505
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5405

Quant Time: Jan 31 00:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 00:47:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	368800	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	328354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10517	2.554	ug/L	0.00
7) Chloroethane-d5	2.885	69	6153	2.324	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	24100	2.493	ug/L	0.00
21) 2-Butanone-d5	7.080	46	5618m	4.997	ug/L	0.00
24) Chloroform-d	7.647	84	23976	2.450	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	13772	2.628	ug/L	0.00
32) Benzene-d6	8.275	84	47419	2.435	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	14408	2.557	ug/L	0.00
41) Toluene-d8	10.323	98	42679	2.375	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5839	2.353	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3862	4.294	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	10874	2.505	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	12232	2.744	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	5025m	2.193	ug/L	
3) Chloromethane	2.215	50	10855	2.532	ug/L	95
5) Vinyl chloride	2.355	62	13575	2.513	ug/L	85
6) Bromomethane	2.782	94	7438	2.637	ug/L	97
8) Chloroethane	2.922	64	6028	2.482	ug/L	100
9) Trichlorofluoromethane	3.251	101	9479	2.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	13581	2.473	ug/L	97
12) 1,1-Dichloroethene	4.050	96	12492	2.426	ug/L #	79
14) Carbon disulfide	4.385	76	41738	2.458	ug/L	97
15) Methyl Acetate	4.678	43	4965	2.469	ug/L #	83
16) Methylene chloride	4.922	84	19104	3.266	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	13160	2.452	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	19287	2.492	ug/L	96
19) 1,1-Dichloroethane	6.214	63	24174	2.529	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	13672	2.437	ug/L	96
23) Bromochloromethane	7.519	128	5854	2.425	ug/L	97
25) Chloroform	7.677	83	24178	2.477	ug/L	97
27) 1,2-Dichloroethane	8.403	62	15595	2.405	ug/L	96
29) Cyclohexane	7.958	56	20309	2.256	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	20708	2.429	ug/L	99
31) Carbon tetrachloride	8.074	117	19881	2.479	ug/L	97
33) Benzene	8.317	78	53461	2.481	ug/L	100
34) Trichloroethene	9.092	95	14498	2.470	ug/L	97
35) Methylcyclohexane	9.335	83	23658	2.319	ug/L	98
37) 1,2-Dichloropropane	9.366	63	12627	2.430	ug/L	97
38) Bromodichloromethane	9.646	83	17114	2.459	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	19438	2.275	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	12075	4.445	ug/L	99
42) Toluene	10.390	91	53527	2.350	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	15858	2.211	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	9569	2.448	ug/L	94
46) Tetrachloroethene	10.860	164	10602	2.451	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	10.969	43	9403	4.565	ug/L	95
49) Dibromochloromethane	11.128	129	10735	2.411	ug/L	100
50) 1,2-Dibromoethane	11.238	107	8962	2.380	ug/L	95
51) Chlorobenzene	11.658	112	35407	2.429	ug/L	98
52) Ethylbenzene	11.725	91	62578	2.367	ug/L	98
53) m,p-Xylene	11.835	106	23693	2.358	ug/L	90
54) o-Xylene	12.164	106	22354	2.370	ug/L	94
55) Styrene	12.176	104	35932	2.263	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	11208	2.483	ug/L	98
59) Bromoform	12.353	173	5999	2.909	ug/L	98
60) Isopropylbenzene	12.463	105	61377	2.808	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	8139	2.964	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	39916	2.311	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	38356	2.270	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	23175	2.637	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	21973	2.516	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	20009	2.712	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	2098	3.250	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	17706	3.053	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	14255	3.067	ug/L	90
71) Naphthalene	15.359	128	26363	2.809	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	13362	3.182	ug/L	97

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

