

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025244.D
 Acq On : 30 Jan 2023 10:32
 Operator : SY/MD
 Sample : VSTD00506
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005406

Quant Time: Jan 31 00:49:42 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	377748	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338503	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21896	5.191	ug/L	0.00
7) Chloroethane-d5	2.879	69	13022	4.803	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	49934	5.043	ug/L	0.00
21) 2-Butanone-d5	7.086	46	11988	10.411	ug/L	0.01
24) Chloroform-d	7.647	84	51109	5.100	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	27297	5.085	ug/L	0.00
32) Benzene-d6	8.275	84	99703	4.967	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	29149	5.017	ug/L	0.00
41) Toluene-d8	10.323	98	93062	5.024	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12625	4.935	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9067	9.778	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	23019	5.143	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26078	4.455	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	10551m	4.495	ug/L	
3) Chloromethane	2.209	50	21242	4.837	ug/L	96
5) Vinyl chloride	2.355	62	27120	4.902	ug/L	95
6) Bromomethane	2.770	94	14727	5.097	ug/L	89
8) Chloroethane	2.916	64	11698	4.703	ug/L	93
9) Trichlorofluoromethane	3.257	101	20587	4.885	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	27536	4.895	ug/L	98
12) 1,1-Dichloroethene	4.032	96	25570	4.849	ug/L	91
13) Acetone	4.123	43	11175	8.964	ug/L	78
14) Carbon disulfide	4.379	76	84518	4.860	ug/L	99
15) Methyl Acetate	4.672	43	10450	5.074	ug/L	100
16) Methylene chloride	4.903	84	32509m	5.426	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	27268	4.960	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	38881	4.904	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	47137	4.815	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	26856	4.673	ug/L	100
22) 2-Butanone	7.177	43	14166	9.330	ug/L	96
23) Bromochloromethane	7.513	128	12769	5.164	ug/L	93
25) Chloroform	7.677	83	48833	4.885	ug/L	97
27) 1,2-Dichloroethane	8.397	62	33916	5.106	ug/L	99
29) Cyclohexane	7.952	56	43718	4.711	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	43140	4.908	ug/L	99
31) Carbon tetrachloride	8.074	117	39709	4.803	ug/L	99
33) Benzene	8.323	78	109597	4.934	ug/L	100
34) Trichloroethene	9.092	95	29346	4.849	ug/L	95
35) Methylcyclohexane	9.335	83	51100	4.858	ug/L	99
37) 1,2-Dichloropropane	9.366	63	26417	4.931	ug/L #	94
38) Bromodichloromethane	9.646	83	34067	4.749	ug/L	95
39) cis-1,3-Dichloropropene	10.067	75	40189	4.562	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	27361	9.770	ug/L	97
42) Toluene	10.384	91	116069	4.944	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	34501	4.666	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	20126	4.995	ug/L	97
46) Tetrachloroethene	10.860	164	21709	4.869	ug/L	95
48) 2-Hexanone	10.969	43	20327	9.573	ug/L	96
49) Dibromochloromethane	11.122	129	21644	4.716	ug/L	97
50) 1,2-Dibromoethane	11.231	107	19113	4.925	ug/L	99
51) Chlorobenzene	11.652	112	72514	4.825	ug/L	96
52) Ethylbenzene	11.725	91	129409	4.748	ug/L	99
53) m,p-Xylene	11.835	106	48993	4.730	ug/L	95
54) o-Xylene	12.164	106	45142	4.643	ug/L	97
55) Styrene	12.176	104	76557	4.676	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	23299	5.007	ug/L	92
59) Bromoform	12.347	173	12213	4.511	ug/L	98
60) Isopropylbenzene	12.463	105	127889	4.457	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	17323	4.805	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	104096	4.591	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	101280	4.565	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	54609	4.733	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	57373	5.004	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	39430	4.071	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3472	4.097	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	31691	4.162	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	23502	3.852	ug/L	96
71) Naphthalene	15.359	128	47670	3.870	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	23788	4.315	ug/L	96

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

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