

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026083.D
 Acq On : 30 May 2023 12:10
 Operator : SY/MD
 Sample : VSTD2.563
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5463

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

Quant Time: May 31 01:29:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:24:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	693352	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	299050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	21575	2.212	ug/L	0.00
7) Chloroethane-d5	2.899	69	16779	2.298	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	11874	2.469	ug/L	-0.01
21) 2-Butanone-d5	7.081	46	13533	4.766	ug/L	0.00
24) Chloroform-d	7.648	84	54588	2.689	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	31200	2.810	ug/L	0.00
32) Benzene-d6	8.276	84	109443	2.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	35520	2.755	ug/L	0.00
41) Toluene-d8	10.325	98	98788	2.738	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	14163	2.772	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	9577	4.712	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	27452	2.926	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	31935	2.790	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	21042m	2.525	ug/L	
3) Chloromethane	2.223	50	25225	2.315	ug/L	96
5) Vinyl chloride	2.369	62	28745	2.467	ug/L	93
6) Bromomethane	2.790	94	17200	2.708	ug/L	95
8) Chloroethane	2.930	64	17620	2.799	ug/L	90
9) Trichlorofluoromethane	3.259	101	19107	2.549	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	26765m	2.928	ug/L	
12) 1,1-Dichloroethene	4.045	96	24080	2.728	ug/L	78
13) Acetone	4.125	43	13726	6.247	ug/L	90
14) Carbon disulfide	4.393	76	85836	2.754	ug/L	99
15) Methyl Acetate	4.673	43	14772	2.995	ug/L	99
16) Methylene chloride	4.911	84	37377	3.378	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	27732	2.800	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	43189	2.767	ug/L #	91
19) 1,1-Dichloroethane	6.222	63	56851	2.819	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	28526	2.719	ug/L	95
22) 2-Butanone	7.173	43	16524m	5.277	ug/L	
23) Bromochloromethane	7.520	128	12939	2.892	ug/L	92
25) Chloroform	7.679	83	55096	2.934	ug/L	93
27) 1,2-Dichloroethane	8.398	62	38434	2.967	ug/L	95
29) Cyclohexane	7.953	56	48580	2.602	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	41463	2.825	ug/L	98
31) Carbon tetrachloride	8.069	117	38817	2.899	ug/L	97
33) Benzene	8.325	78	121019	2.921	ug/L	100
34) Trichloroethene	9.087	95	30736	2.898	ug/L	89
35) Methylcyclohexane	9.337	83	48101	2.563	ug/L	96
37) 1,2-Dichloropropane	9.368	63	33017	2.943	ug/L	99
38) Bromodichloromethane	9.642	83	38022	2.917	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	43679	2.649	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	34692	5.244	ug/L	99
42) Toluene	10.386	91	118256	2.791	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	36979	2.692	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	22527	3.046	ug/L	97
46) Tetrachloroethene	10.861	164	21245	2.832	ug/L	90
48) 2-Hexanone	10.971	43	25360	5.437	ug/L	97
49) Dibromochloromethane	11.130	129	21973	2.834	ug/L	92
50) 1,2-Dibromoethane	11.233	107	20409	2.981	ug/L	91
51) Chlorobenzene	11.654	112	80295	3.024	ug/L	98
52) Ethylbenzene	11.727	91	133220	2.787	ug/L	99
53) m,p-Xylene	11.837	106	48753	2.742	ug/L	96
54) o-Xylene	12.166	106	46269	2.757	ug/L	100
55) Styrene	12.178	104	78176	2.715	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	27397	3.061	ug/L	95
59) Bromoform	12.349	173	13046	2.905	ug/L	98
60) Isopropylbenzene	12.459	105	127475	2.713	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	20512	3.062	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	95615	2.560	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	87606	2.561	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	57049	2.888	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	58342	2.934	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	52627	2.967	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	4773	3.075	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.629	180	39518	2.912	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	31547	2.818	ug/L	97
71) Naphthalene	15.360	128	53240	2.668	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	29676	3.033	ug/L	98

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

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