

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026431.D
 Acq On : 29 Jun 2023 11:58
 Operator : SY/MD
 Sample : VSTD2.571
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5471

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2023
 Supervised By : Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 00:47:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	942656	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	822149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	389486	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	23117	2.155	ug/L	0.00
7) Chloroethane-d5	2.893	69	20283m	2.322	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	13005	2.392	ug/L	0.00
21) 2-Butanone-d5	7.088	46	21949	5.429	ug/L	0.01
24) Chloroform-d	7.648	84	56839	2.474	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	32561	2.593	ug/L	0.00
32) Benzene-d6	8.276	84	119974	2.509	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	38490	2.526	ug/L	0.00
41) Toluene-d8	10.325	98	106847	2.530	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	14976	2.438	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	11951	4.689	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	29692	2.523	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	37505	2.765	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	21727m	2.404	ug/L	
3) Chloromethane	2.216	50	29940	2.309	ug/L	97
5) Vinyl chloride	2.369	62	31718	2.373	ug/L	97
6) Bromomethane	2.783	94	16980	2.232	ug/L	98
8) Chloroethane	2.930	64	19003	2.345	ug/L	89
9) Trichlorofluoromethane	3.265	101	20819	2.142	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	25802	2.427	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	25733	2.446	ug/L	84
13) Acetone	4.125	43	20991	7.326	ug/L	99
14) Carbon disulfide	4.393	76	83095	2.432	ug/L	99
15) Methyl Acetate	4.673	43	15453	2.484	ug/L #	66
16) Methylene chloride	4.917	84	96623	6.098	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	28575	2.516	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	48609	2.619	ug/L #	84
19) 1,1-Dichloroethane	6.216	63	58578	2.564	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	31420	2.443	ug/L	98
22) 2-Butanone	7.173	43	30634	6.521	ug/L	83
23) Bromochloromethane	7.520	128	13315	2.489	ug/L	78
25) Chloroform	7.679	83	54518	2.458	ug/L	99
27) 1,2-Dichloroethane	8.398	62	38048	2.509	ug/L	97
29) Cyclohexane	7.959	56	54071	2.320	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	41287	2.357	ug/L	98
31) Carbon tetrachloride	8.069	117	37079	2.352	ug/L	99
33) Benzene	8.325	78	123504	2.399	ug/L	100
34) Trichloroethene	9.093	95	32487	2.477	ug/L	95
35) Methylcyclohexane	9.337	83	54756	2.344	ug/L	97
37) 1,2-Dichloropropane	9.368	63	34546	2.528	ug/L	99
38) Bromodichloromethane	9.648	83	36877	2.404	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	45093	2.204	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	44011	4.690	ug/L	97
42) Toluene	10.386	91	128191	2.434	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	37868	2.265	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	22753	2.444	ug/L	99
46) Tetrachloroethene	10.861	164	23342	2.517	ug/L	89
48) 2-Hexanone	10.971	43	29143	4.627	ug/L	96
49) Dibromochloromethane	11.123	129	22073	2.380	ug/L	94
50) 1,2-Dibromoethane	11.233	107	21492	2.510	ug/L	96
51) Chlorobenzene	11.660	112	81490	2.500	ug/L	99
52) Ethylbenzene	11.727	91	139944	2.361	ug/L	100
53) m,p-Xylene	11.837	106	52149	2.373	ug/L	93
54) o-Xylene	12.166	106	47190	2.315	ug/L	86
55) Styrene	12.178	104	81396	2.339	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	28778	2.531	ug/L	94
59) Bromoform	12.349	173	12378	2.400	ug/L	95
60) Isopropylbenzene	12.465	105	134680	2.371	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	21741	2.554	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	103308	2.287	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	97166	2.202	ug/L	100
64) 1,3-Dichlorobenzene	13.501	146	61653	2.587	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	62354	2.630	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	52762	2.446	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.483	75	5013	2.581	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.623	180	40751	2.512	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	36274	2.583	ug/L	98
71) Naphthalene	15.360	128	67036	2.342	ug/L	99
72) 1,2,3-Trichlorobenzene	15.556	180	31367	2.597	ug/L	98

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

