

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW062331.D
 Acq On : 26 Jun 2023 12:24
 Operator : SY/MD
 Sample : VSTD05068
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050468

Quant Time: Jun 27 01:27:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:25:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/27/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	664825	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	613013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	298463	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	554180	57.393	ug/L	0.00
7) Chloroethane-d5	2.899	69	353025	51.331	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	244047	55.812	ug/L	0.00
21) 2-Butanone-d5	7.075	46	315510	104.188	ug/L	0.00
24) Chloroform-d	7.648	84	968856	51.429	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	535022	50.543	ug/L	0.00
32) Benzene-d6	8.276	84	1972161	51.975	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	621446	50.403	ug/L	0.00
41) Toluene-d8	10.325	98	1754456	52.825	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	261823	52.889	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	217148	114.677	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	499320	51.438	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	529819	50.983	ug/L	0.00

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	425743m	54.143	ug/L	
3) Chloromethane	2.228	50	626239	54.193	ug/L	98
5) Vinyl chloride	2.375	62	619553	51.565	ug/L	100
6) Bromomethane	2.783	94	332635	50.439	ug/L	95
8) Chloroethane	2.930	64	309390	48.022	ug/L	99
9) Trichlorofluoromethane	3.265	101	453822	53.550	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	461685	50.980	ug/L	98
12) 1,1-Dichloroethene	4.045	96	447486	52.056	ug/L	95
13) Acetone	4.118	43	217950	89.706	ug/L	99
14) Carbon disulfide	4.393	76	1562039	51.423	ug/L	99
15) Methyl Acetate	4.673	43	287460	52.118	ug/L	99
16) Methylene chloride	4.923	84	474762	42.089	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	483277	51.057	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	789884	53.452	ug/L	99
19) 1,1-Dichloroethane	6.216	63	980905	49.571	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	520045	50.933	ug/L	98
22) 2-Butanone	7.167	43	372030	100.081	ug/L	100
23) Bromochloromethane	7.514	128	218639	49.923	ug/L	96
25) Chloroform	7.679	83	899877	49.069	ug/L	98
27) 1,2-Dichloroethane	8.398	62	648451	49.273	ug/L	97
29) Cyclohexane	7.959	56	960260	54.247	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	714637	48.190	ug/L	99
31) Carbon tetrachloride	8.069	117	648906	48.677	ug/L	99
33) Benzene	8.325	78	2053933	49.603	ug/L	100
34) Trichloroethene	9.093	95	520497	49.095	ug/L	97
35) Methylcyclohexane	9.337	83	957971	52.691	ug/L	99
37) 1,2-Dichloropropane	9.367	63	563282	49.275	ug/L	100
38) Bromodichloromethane	9.642	83	648958	48.847	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	870844	52.540	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	821960	110.075	ug/L	98
42) Toluene	10.386	91	2108087	50.750	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	744319	53.200	ug/L	98

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 ALS Vial : 1 Sample Multiplier: 1

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

45) 1,1,2-Trichloroethane	10.788	97	384751	49.671	ug/L	98
46) Tetrachloroethene	10.861	164	369305	49.444	ug/L	96
48) 2-Hexanone	10.965	43	582531	110.561	ug/L	97
49) Dibromochloromethane	11.129	129	405811	51.165	ug/L	100
50) 1,2-Dibromoethane	11.233	107	366067	51.475	ug/L	94
51) Chlorobenzene	11.654	112	1313412	49.593	ug/L	97
52) Ethylbenzene	11.727	91	2371799	50.673	ug/L	96
53) m,p-Xylene	11.836	106	890247	52.152	ug/L	94
54) o-Xylene	12.166	106	838041	52.141	ug/L	95
55) Styrene	12.178	104	1460830	52.112	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	492067	50.822	ug/L	96
59) Bromoform	12.349	173	237289	52.555	ug/L	97
60) Isopropylbenzene	12.464	105	2312628	51.555	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	361167	49.781	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1880953	54.092	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1867856	55.694	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	967236	50.342	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	939214	48.847	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	868241	50.738	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	83995	50.323	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	627981	50.865	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	512946	50.768	ug/L	97
71) Naphthalene	15.360	128	1140326	56.145	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	475108	50.366	ug/L	97

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

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