

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027186.D
 Acq On : 27 Sep 2023 10:31
 Operator : SY/MD
 Sample : VSTD2.554
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5454

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

Quant Time: Sep 27 23:08:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	638502	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	624794	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	322874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	27550	2.747	ug/L	0.00
7) Chloroethane-d5	2.893	69	22643	2.853	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	11353	2.724	ug/L	0.00
21) 2-Butanone-d5	7.087	46	11451m	5.450	ug/L	0.01
24) Chloroform-d	7.648	84	53437	2.860	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	26019	2.905	ug/L	0.00
32) Benzene-d6	8.276	84	106534	2.782	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	32398	2.826	ug/L	0.00
41) Toluene-d8	10.325	98	88141	2.609	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11635	2.586	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7683	4.381	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	24253	2.764	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	30955	2.859	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	20579m	2.295	ug/L	
3) Chloromethane	2.222	50	27984	2.499	ug/L	100
5) Vinyl chloride	2.375	62	29922	2.447	ug/L	85
6) Bromomethane	2.789	94	20362	2.528	ug/L	97
8) Chloroethane	2.936	64	17757	2.393	ug/L	90
9) Trichlorofluoromethane	3.265	101	23868	2.323	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	27294m	2.585	ug/L	
12) 1,1-Dichloroethene	4.051	96	23429	2.372	ug/L	100
13) Acetone	4.125	43	11928	4.654	ug/L	96
14) Carbon disulfide	4.387	76	84055	2.535	ug/L	99
15) Methyl Acetate	4.685	43	11135	2.592	ug/L	93
16) Methylene chloride	4.923	84	41794	3.344	ug/L	90
17) trans-1,2-Dichloroethene	5.435	96	25491	2.398	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	31250	2.350	ug/L #	93
19) 1,1-Dichloroethane	6.216	63	50213	2.533	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	26754	2.361	ug/L	97
22) 2-Butanone	7.185	43	13191m	4.233	ug/L	
23) Bromochloromethane	7.520	128	13462	2.604	ug/L	96
25) Chloroform	7.679	83	49451	2.558	ug/L	100
27) 1,2-Dichloroethane	8.404	62	31311	2.644	ug/L	97
29) Cyclohexane	7.959	56	34602	2.082	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	38628	2.487	ug/L	97
31) Carbon tetrachloride	8.069	117	38111	2.598	ug/L	98
33) Benzene	8.325	78	110031	2.492	ug/L	100
34) Trichloroethene	9.093	95	29078	2.522	ug/L	93
35) Methylcyclohexane	9.331	83	42288	2.180	ug/L	94
37) 1,2-Dichloropropane	9.368	63	28787	2.529	ug/L #	96
38) Bromodichloromethane	9.642	83	34682	2.538	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	37705	2.249	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	23649	4.284	ug/L	98
42) Toluene	10.386	91	105574	2.328	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	30190	2.197	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	20790	2.525	ug/L	92
46) Tetrachloroethene	10.861	164	22092	2.437	ug/L	91
48) 2-Hexanone	10.971	43	16415	3.793	ug/L	95
49) Dibromochloromethane	11.123	129	22755	2.548	ug/L	88
50) 1,2-Dibromoethane	11.233	107	18902	2.474	ug/L	99
51) Chlorobenzene	11.654	112	75762	2.517	ug/L	98
52) Ethylbenzene	11.727	91	114624	2.250	ug/L	99
53) m,p-Xylene	11.837	106	44477	2.277	ug/L	94
54) o-Xylene	12.166	106	39685	2.175	ug/L	88
55) Styrene	12.178	104	65069	2.071	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	25380	2.570	ug/L	92
59) Bromoform	12.349	173	12682	2.487	ug/L	97
60) Isopropylbenzene	12.458	105	104795	2.204	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	17721	2.681	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	77134	2.069	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	73554	2.014	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	53220	2.425	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	58631	2.659	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	49802	2.589	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	4071	2.875	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.623	180	35598	2.519	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	27022	2.424	ug/L	99
71) Naphthalene	15.366	128	43742	2.224	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	26685	2.697	ug/L	94

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

