

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW062623.D
 Acq On : 26 Jun 2023 11:36
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005466

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 01:26:11 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	701810	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	621740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	312353	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	42439	4.164	ug/L	0.00
7) Chloroethane-d5	2.893	69	33708	4.643	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	21863	4.736	ug/L	0.00
21) 2-Butanone-d5	7.081	46	31700	9.916	ug/L	0.00
24) Chloroform-d	7.648	84	100383	5.048	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	57572	5.152	ug/L	0.00
32) Benzene-d6	8.276	84	194468	5.053	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	65350	5.226	ug/L	0.00
41) Toluene-d8	10.325	98	167556	4.974	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	24636	4.907	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	18493	9.629	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	51531	5.234	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	55599	5.112	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	38173m	4.599	ug/L	
3) Chloromethane	2.216	50	53723	4.404	ug/L	98
5) Vinyl chloride	2.375	62	59608	4.700	ug/L	93
6) Bromomethane	2.783	94	34095	4.898	ug/L	91
8) Chloroethane	2.924	64	32328	4.753	ug/L	100
9) Trichlorofluoromethane	3.265	101	40876	4.569	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	50239m	5.255	ug/L	
12) 1,1-Dichloroethene	4.052	96	43355	4.778	ug/L	90
13) Acetone	4.119	43	28645	11.169	ug/L	97
14) Carbon disulfide	4.393	76	154357	4.814	ug/L	99
15) Methyl Acetate	4.673	43	31121m	5.345	ug/L	
16) Methylene chloride	4.923	84	74774	6.280	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	49141	4.918	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	74067	4.748	ug/L	99
19) 1,1-Dichloroethane	6.216	63	105963	5.073	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	52985	4.916	ug/L	97
22) 2-Butanone	7.167	43	41714	10.630	ug/L	93
23) Bromochloromethane	7.520	128	23429	5.068	ug/L	89
25) Chloroform	7.673	83	98560	5.091	ug/L	95
27) 1,2-Dichloroethane	8.404	62	72278	5.203	ug/L	97
29) Cyclohexane	7.959	56	82834	4.614	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	77720	5.167	ug/L	99
31) Carbon tetrachloride	8.069	117	70842	5.240	ug/L	98
33) Benzene	8.325	78	221877	5.283	ug/L	100
34) Trichloroethene	9.093	95	55015	5.116	ug/L	94
35) Methylcyclohexane	9.337	83	88742	4.813	ug/L	96
37) 1,2-Dichloropropane	9.368	63	61543	5.308	ug/L	98
38) Bromodichloromethane	9.642	83	70714	5.248	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	80858	4.810	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	70585	9.320	ug/L	99
42) Toluene	10.386	91	216730	5.144	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	70610	4.976	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:25:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	41376	5.267	ug/L	98
46) Tetrachloroethene	10.861	164	39392	5.200	ug/L	89
48) 2-Hexanone	10.965	43	50848	9.515	ug/L	97
49) Dibromochloromethane	11.130	129	40451	5.028	ug/L	95
50) 1,2-Dibromoethane	11.233	107	36848	5.109	ug/L #	98
51) Chlorobenzene	11.654	112	138498	5.156	ug/L	100
52) Ethylbenzene	11.727	91	239310	5.041	ug/L	100
53) m,p-Xylene	11.837	106	86865	5.017	ug/L	93
54) o-Xylene	12.166	106	78717	4.829	ug/L	92
55) Styrene	12.178	104	142279	5.004	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	51919	5.287	ug/L	97
59) Bromoform	12.349	173	23010	4.870	ug/L	98
60) Isopropylbenzene	12.465	105	219341	4.672	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	38151	5.025	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	159371	4.379	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	150723	4.294	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	99747	4.961	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	104858	5.211	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	90073	5.030	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	8710	4.986	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	61325	4.746	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	50153	4.743	ug/L	97
71) Naphthalene	15.360	128	81429	3.831	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	45407	4.599	ug/L	98

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

