

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW062628.D
 Acq On : 26 Jun 2023 11:12
 Operator : SY/MD
 Sample : VSTD2.565
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5465

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:25:35 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	646242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	590177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	282433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	21719	2.314	ug/L	0.00
7) Chloroethane-d5	2.899	69	17833	2.668	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	9612	2.261	ug/L	0.00
21) 2-Butanone-d5	7.087	46	15758m	5.353	ug/L	0.00
24) Chloroform-d	7.648	84	48639	2.656	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	27478	2.670	ug/L	0.00
32) Benzene-d6	8.276	84	91378	2.501	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	30771	2.592	ug/L	0.00
41) Toluene-d8	10.325	98	76384	2.389	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11452	2.403	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7632	4.186	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	24712	2.644	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	25229	2.566	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	19041m	2.491	ug/L	
3) Chloromethane	2.216	50	26764	2.383	ug/L	94
5) Vinyl chloride	2.375	62	30458	2.608	ug/L	96
6) Bromomethane	2.783	94	16937	2.642	ug/L	92
8) Chloroethane	2.936	64	18457	2.947	ug/L	98
9) Trichlorofluoromethane	3.271	101	20065	2.436	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	22440	2.549	ug/L #	65
12) 1,1-Dichloroethene	4.039	96	21024	2.516	ug/L	93
13) Acetone	4.125	43	15481	6.555	ug/L	91
14) Carbon disulfide	4.393	76	75503	2.557	ug/L	100
15) Methyl Acetate	4.673	43	12872	2.401	ug/L #	90
16) Methylene chloride	4.917	84	32604	2.974	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	22794m	2.477	ug/L	
18) Methyl tert-butyl Ether	5.423	73	33727	2.348	ug/L	100
19) 1,1-Dichloroethane	6.216	63	51031	2.653	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	24698	2.488	ug/L	92
22) 2-Butanone	7.173	43	18631	5.156	ug/L	97
23) Bromochloromethane	7.514	128	11161	2.622	ug/L	94
25) Chloroform	7.679	83	47785	2.681	ug/L	99
27) 1,2-Dichloroethane	8.404	62	33992	2.657	ug/L	95
29) Cyclohexane	7.959	56	37374	2.193	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	38930	2.727	ug/L	98
31) Carbon tetrachloride	8.075	117	34413	2.681	ug/L	98
33) Benzene	8.325	78	100513	2.521	ug/L	100
34) Trichloroethene	9.087	95	26465	2.593	ug/L	97
35) Methylcyclohexane	9.337	83	39920	2.281	ug/L	97
37) 1,2-Dichloropropane	9.367	63	29138m	2.648	ug/L	
38) Bromodichloromethane	9.642	83	32826	2.566	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	36234	2.271	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	30669	4.266	ug/L	99
42) Toluene	10.386	91	94857	2.372	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	30138	2.237	ug/L	94

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Instrument :
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 Supervised By : Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 01:25:35 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)
45) 1,1,2-Trichloroethane	10.782	97	18857	2.529	ug/L	97
46) Tetrachloroethene	10.861	164	18569	2.582	ug/L	95
48) 2-Hexanone	10.965	43	21405	4.220	ug/L	98
49) Dibromochloromethane	11.123	129	18876	2.472	ug/L	95
50) 1,2-Dibromoethane	11.233	107	16553	2.418	ug/L	100
51) Chlorobenzene	11.654	112	66881	2.623	ug/L	99
52) Ethylbenzene	11.727	91	107558	2.387	ug/L	100
53) m,p-Xylene	11.837	106	36864	2.243	ug/L	96
54) o-Xylene	12.166	106	35337	2.284	ug/L	89
55) Styrene	12.178	104	58857	2.181	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	23853	2.559	ug/L	99
59) Bromoform	12.349	173	9865	2.309	ug/L	94
60) Isopropylbenzene	12.458	105	93937	2.213	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	17790	2.591	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	69682	2.118	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	61401	1.935	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	45773	2.518	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	48591	2.671	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	41825	2.583	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	4177	2.645	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	29286	2.507	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	21720	2.272	ug/L	96
71) Naphthalene	15.360	128	36524	1.900	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	22800	2.554	ug/L	97

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

Manual Integrations

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