

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031120.D
 Acq On : 04 Dec 2024 09:04
 Operator : SY/MD
 Sample : VSTD2.538
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5438

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

Quant Time: Dec 05 01:10:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:09:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	466889	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	402314	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	197310	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	19575	3.035	ug/L	0.00
7) Chloroethane-d5	2.905	69	14699	2.859	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.033	65	8235	2.825	ug/L	0.00
21) 2-Butanone-d5	7.094	46	4924m	4.338	ug/L	0.02
24) Chloroform-d	7.648	84	33580	2.594	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	15027	2.387	ug/L	0.00
32) Benzene-d6	8.276	84	60858	2.529	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	16591	2.372	ug/L	0.00
41) Toluene-d8	10.319	98	52078	2.389	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	6382	2.183	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2809	3.240	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10066	2.083	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	15902	2.353	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	33740	5.512	ug/L	94
3) Chloromethane	2.223	50	36408	5.210	ug/L	95
5) Vinyl chloride	2.375	62	44207	5.344	ug/L	100
6) Bromomethane	2.796	94	28413	5.473	ug/L	100
8) Chloroethane	2.942	64	27381	5.600	ug/L	97
9) Trichlorofluoromethane	3.271	101	43911	4.918	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	35709	5.575	ug/L #	66
12) 1,1-Dichloroethene	4.052	96	31585	4.866	ug/L	88
13) Acetone	4.119	43	13450	6.384	ug/L	93
14) Carbon disulfide	4.393	76	112770	5.192	ug/L	100
15) Methyl Acetate	4.673	43	9728	4.268	ug/L #	89
16) Methylene chloride	4.923	84	34090	5.242	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	33961	5.013	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	40565	4.166	ug/L #	92
19) 1,1-Dichloroethane	6.222	63	64064	5.143	ug/L	93
20) cis-1,2-Dichloroethene	7.173	96	34537	4.801	ug/L	92
22) 2-Butanone	7.167	43	13823	6.632	ug/L	92
23) Bromochloromethane	7.520	128	14785	4.849	ug/L	92
25) Chloroform	7.679	83	65866	5.102	ug/L	97
27) 1,2-Dichloroethane	8.398	62	39355	4.942	ug/L	99
29) Cyclohexane	7.959	56	48034	4.419	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	58023	5.367	ug/L	98
31) Carbon tetrachloride	8.069	117	52100	5.327	ug/L	100
33) Benzene	8.325	78	139306	5.087	ug/L	100
34) Trichloroethene	9.093	95	37673	5.107	ug/L	98
35) Methylcyclohexane	9.337	83	59936	4.681	ug/L	95
37) 1,2-Dichloropropane	9.368	63	34777	5.159	ug/L	100
38) Bromodichloromethane	9.642	83	44498	5.038	ug/L	91
39) cis-1,3-Dichloropropene	10.075	75	45967	4.462	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	22514	7.266	ug/L	94
42) Toluene	10.386	91	141808	4.794	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	37184	4.388	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	22200	4.781	ug/L	97
46) Tetrachloroethene	10.861	164	29259	5.223	ug/L	95
48) 2-Hexanone	10.965	43	15660	5.575	ug/L	90
49) Dibromochloromethane	11.130	129	24560	4.695	ug/L	100
50) 1,2-Dibromoethane	11.233	107	20234	4.812	ug/L	97
51) Chlorobenzene	11.654	112	94652	5.242	ug/L	96
52) Ethylbenzene	11.727	91	161924	4.792	ug/L	98
53) m,p-Xylene	11.837	106	59258	4.737	ug/L	92
54) o-Xylene	12.160	106	54249	4.622	ug/L	95
55) Styrene	12.178	104	91460	4.625	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	22927	4.584	ug/L	93
59) Bromoform	12.349	173	12808	4.576	ug/L	96
60) Isopropylbenzene	12.465	105	153235	4.623	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	15739	4.353	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	109452	4.172	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	113137	4.264	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	68537	4.879	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	69870	4.986	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	56808	4.586	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	3345	4.300	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	44450	4.652	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	31981	4.278	ug/L	95
71) Naphthalene	15.360	128	40858	3.302	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	28381	4.524	ug/L	96

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

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