

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028349.D
 Acq On : 08 Apr 2024 10:34
 Operator : SY/MD
 Sample : VSTD2.528
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5428

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

Quant Time: Apr 09 01:11:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	296389	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	268382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130988	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	12548	2.641	ug/L	0.00
7) Chloroethane-d5	2.899	69	9224	2.562	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	5461	2.714	ug/L	0.00
21) 2-Butanone-d5	7.100	46	4059m	4.748	ug/L	0.02
24) Chloroform-d	7.654	84	18211	2.355	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	8756	2.179	ug/L	0.00
32) Benzene-d6	8.276	84	34105	2.326	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	10375	2.381	ug/L	0.00
41) Toluene-d8	10.325	98	29909	2.243	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	3566	2.058	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2604m	4.478	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	6610	2.150	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	9007	2.174	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	10695	2.683	ug/L	91
3) Chloromethane	2.222	50	11867	2.536	ug/L	99
5) Vinyl chloride	2.375	62	15352	2.754	ug/L	97
6) Bromomethane	2.789	94	8866	2.546	ug/L	96
8) Chloroethane	2.936	64	9165	2.728	ug/L	96
9) Trichlorofluoromethane	3.271	101	10859	2.442	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	12128m	2.909	ug/L	
12) 1,1-Dichloroethene	4.057	96	10573m	2.709	ug/L	
13) Acetone	4.118	43	5783m	5.586	ug/L	
14) Carbon disulfide	4.393	76	33187	2.566	ug/L	98
15) Methyl Acetate	4.679	43	4917m	2.799	ug/L	
16) Methylene chloride	4.923	84	14677m	3.282	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	10594	2.560	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	14184m	2.442	ug/L	
19) 1,1-Dichloroethane	6.228	63	20855	2.582	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	10881	2.478	ug/L	92
22) 2-Butanone	7.179	43	6875m	5.441	ug/L	
23) Bromochloromethane	7.520	128	5148	2.722	ug/L	98
25) Chloroform	7.679	83	20118	2.541	ug/L	93
27) 1,2-Dichloroethane	8.398	62	14380	2.631	ug/L	100
29) Cyclohexane	7.959	56	16955	2.392	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	17285	2.656	ug/L	99
31) Carbon tetrachloride	8.069	117	14802	2.564	ug/L	96
33) Benzene	8.325	78	43877	2.615	ug/L	100
34) Trichloroethene	9.093	95	12174	2.677	ug/L	98
35) Methylcyclohexane	9.337	83	19468	2.509	ug/L	97
37) 1,2-Dichloropropane	9.367	63	11600	2.652	ug/L #	95
38) Bromodichloromethane	9.648	83	13859	2.557	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	15147	2.358	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	9321	4.255	ug/L	92
42) Toluene	10.386	91	43834	2.466	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	11740	2.263	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	7831	2.647	ug/L	97
46) Tetrachloroethene	10.861	164	8928	2.628	ug/L	95
48) 2-Hexanone	10.971	43	7210m	4.252	ug/L	
49) Dibromochloromethane	11.129	129	7656	2.421	ug/L	95
50) 1,2-Dibromoethane	11.239	107	6462	2.393	ug/L	93
51) Chlorobenzene	11.654	112	29322	2.654	ug/L	94
52) Ethylbenzene	11.727	91	49240	2.444	ug/L	98
53) m,p-Xylene	11.837	106	18201	2.429	ug/L	100
54) o-Xylene	12.166	106	16243	2.328	ug/L	94
55) Styrene	12.178	104	27384	2.306	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	8034	2.399	ug/L	94
59) Bromoform	12.349	173	4072	2.355	ug/L	94
60) Isopropylbenzene	12.458	105	46225	2.354	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	5742	2.398	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	27992	2.236	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	33160	2.201	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	20563	2.468	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	21812	2.573	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	18698	2.551	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	1593	2.903	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	14781	2.578	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	10248	2.289	ug/L #	82
71) Naphthalene	15.360	128	16290	2.056	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.543	180	9795	2.465	ug/L	99

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

