

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031073.D
 Acq On : 20 Nov 2024 16:56
 Operator : SY/MD
 Sample : VSTD00527
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005427

Quant Time: Nov 21 03:52:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/22/2024
 Supervised By :Semsettin Yesilyurt 11/22/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	401480	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	366335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	185228	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	25238	5.157	ug/L	0.00
7) Chloroethane-d5	2.899	69	18750	4.854	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	11516	4.762	ug/L	0.00
21) 2-Butanone-d5	7.081	46	9460	8.395	ug/L	0.00
24) Chloroform-d	7.648	84	50498	4.630	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	24519	4.601	ug/L	0.00
32) Benzene-d6	8.276	84	95390	4.598	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	28354	4.635	ug/L	0.00
41) Toluene-d8	10.319	98	82543	4.367	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	10898	4.279	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6679	7.597	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	21404	4.594	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	29547	4.564	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	23856	5.012	ug/L	90
3) Chloromethane	2.223	50	28988	4.948	ug/L	99
5) Vinyl chloride	2.375	62	34245	5.676	ug/L	100
6) Bromomethane	2.790	94	23048	5.470	ug/L	93
8) Chloroethane	2.930	64	19658	5.432	ug/L	98
9) Trichlorofluoromethane	3.265	101	42310	5.070	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	31034m	5.491	ug/L	
12) 1,1-Dichloroethene	4.045	96	28835	5.249	ug/L	85
13) Acetone	4.125	43	12232	8.291	ug/L	94
14) Carbon disulfide	4.387	76	93245	5.229	ug/L	99
15) Methyl Acetate	4.673	43	10541	5.379	ug/L	99
16) Methylene chloride	4.923	84	30829	5.364	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	30635	5.133	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	40091	4.662	ug/L	99
19) 1,1-Dichloroethane	6.216	63	54046	5.168	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	30633	4.865	ug/L	96
22) 2-Butanone	7.167	43	14500	8.014	ug/L	98
23) Bromochloromethane	7.514	128	14726	5.220	ug/L	90
25) Chloroform	7.673	83	57098	5.223	ug/L	94
27) 1,2-Dichloroethane	8.398	62	33769	5.183	ug/L	99
29) Cyclohexane	7.953	56	43420	5.067	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	47618	5.359	ug/L	100
31) Carbon tetrachloride	8.069	117	43494	5.383	ug/L	98
33) Benzene	8.325	78	124359	5.303	ug/L	100
34) Trichloroethene	9.087	95	33942	5.343	ug/L	95
35) Methylcyclohexane	9.337	83	52073	5.101	ug/L	97
37) 1,2-Dichloropropane	9.362	63	32078	5.487	ug/L	97
38) Bromodichloromethane	9.642	83	38589	5.244	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	42746	4.851	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	25514	9.275	ug/L	98
42) Toluene	10.386	91	128236	5.178	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	34951	4.912	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	22471	5.284	ug/L	97
46) Tetrachloroethene	10.861	164	27546	5.423	ug/L	96
48) 2-Hexanone	10.965	43	19138	8.799	ug/L	94
49) Dibromochloromethane	11.129	129	23981	5.071	ug/L	94
50) 1,2-Dibromoethane	11.233	107	21030	5.197	ug/L	92
51) Chlorobenzene	11.654	112	87853	5.425	ug/L	97
52) Ethylbenzene	11.727	91	142083	5.117	ug/L	95
53) m,p-Xylene	11.837	106	54889	5.180	ug/L	85
54) o-Xylene	12.166	106	49582	4.978	ug/L	90
55) Styrene	12.178	104	85700	5.056	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	24899	5.249	ug/L	93
59) Bromoform	12.349	173	13591	4.903	ug/L	98
60) Isopropylbenzene	12.459	105	137596	5.099	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	17477	5.154	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	104145	4.892	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	102968	4.904	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	64682	5.255	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	68309	5.334	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	59127	5.359	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	3709	5.004	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	44922	5.339	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	33876	5.035	ug/L	97
71) Naphthalene	15.360	128	48535	4.266	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	30206	5.044	ug/L	97

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

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