

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027944.D
 Acq On : 05 Feb 2024 10:07
 Operator : SY/MD
 Sample : VSTD00511
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005411

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

02/06/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Feb 06 02:01:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 02:00:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336083	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147002	25.000	ug/L	0.00

02/06/2024

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	18852	4.789	ug/L	0.00
7) Chloroethane-d5	2.899	69	14084	4.717	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	7738	4.594	ug/L	0.00
21) 2-Butanone-d5	7.094	46	5131	8.371	ug/L	0.01
24) Chloroform-d	7.648	84	37101	4.721	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	17007	4.792	ug/L	0.00
32) Benzene-d6	8.276	84	76699	4.842	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	20853	4.855	ug/L	0.00
41) Toluene-d8	10.325	98	71247	4.700	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	8217	4.652	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	4898	8.383	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15194	4.733	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	24069	4.817	ug/L	0.00

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	14865	5.136	ug/L	95
3) Chloromethane	2.222	50	16544	5.205	ug/L	92
5) Vinyl chloride	2.375	62	22754	5.282	ug/L	99
6) Bromomethane	2.796	94	16513	5.425	ug/L	90
8) Chloroethane	2.942	64	12051	4.951	ug/L	94
9) Trichlorofluoromethane	3.271	101	19508	4.983	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	20160m	5.164	ug/L	
12) 1,1-Dichloroethene	4.045	96	18802	5.122	ug/L	85
13) Acetone	4.155	43	5197m	8.836	ug/L	
14) Carbon disulfide	4.387	76	57476	5.288	ug/L	99
15) Methyl Acetate	4.685	43	4752m	4.800	ug/L	
16) Methylene chloride	4.917	84	22058	5.251	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	20112	5.099	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	22936	4.905	ug/L #	91
19) 1,1-Dichloroethane	6.222	63	32273	5.037	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	20231	4.857	ug/L	99
22) 2-Butanone	7.185	43	5955	8.674	ug/L #	70
23) Bromochloromethane	7.520	128	9254	5.002	ug/L	88
25) Chloroform	7.673	83	34309	4.981	ug/L	95
27) 1,2-Dichloroethane	8.398	62	18838	4.911	ug/L	98
29) Cyclohexane	7.959	56	26817	5.081	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	28632	5.009	ug/L	98
31) Carbon tetrachloride	8.069	117	26067	4.930	ug/L	99
33) Benzene	8.325	78	75650	5.115	ug/L	100
34) Trichloroethene	9.093	95	21267	5.009	ug/L	90
35) Methylcyclohexane	9.337	83	36253	5.189	ug/L	98
37) 1,2-Dichloropropane	9.367	63	17434	5.017	ug/L	99
38) Bromodichloromethane	9.648	83	23004	4.959	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	25967	4.662	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	11803	8.999	ug/L	98
42) Toluene	10.386	91	82614	4.982	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	20513	4.640	ug/L	96

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

45) 1,1,2-Trichloroethane	10.782	97	13768	5.005	ug/L	94
46) Tetrachloroethene	10.861	164	18715	5.239	ug/L	90
48) 2-Hexanone	10.971	43	8498	8.554	ug/L	94
49) Dibromochloromethane	11.129	129	14487	4.620	ug/L	92
50) 1,2-Dibromoethane	11.233	107	12411	4.834	ug/L	90
51) Chlorobenzene	11.654	112	56726	5.144	ug/L	95
52) Ethylbenzene	11.727	91	92424	4.944	ug/L	97
53) m,p-Xylene	11.837	106	35516	4.844	ug/L	92
54) o-Xylene	12.160	106	33110	4.815	ug/L	95
55) Styrene	12.178	104	54051	4.719	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	14248	4.837	ug/L	100
59) Bromoform	12.343	173	8202	4.727	ug/L	96
60) Isopropylbenzene	12.458	105	91863	5.005	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	9790	4.990	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	72498	4.936	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	70075	4.875	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	42425	5.032	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	44583	5.200	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	36536	4.906	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	1746	4.483	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	32398	5.351	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	23215	4.748	ug/L	96
71) Naphthalene	15.360	128	35097	4.619	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	20228	4.959	ug/L	99

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

