

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027214.D
 Acq On : 04 Oct 2023 12:29
 Operator : SY/MD
 Sample : 04707-03MSDRE
 Misc : 4.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Oct 04 22:50:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	798927	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	762926	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	418701	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	234564	18.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
7) Chloroethane-d5	2.899	69	191102	19.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.040%
11) 1,1-Dichloroethene-d2	4.027	65	102116	19.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.320%
21) 2-Butanone-d5	7.075	46	93467	36.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.040%
24) Chloroform-d	7.648	84	460865	19.710	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.840%
26) 1,2-Dichloroethane-d4	8.306	65	217027	19.368	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.480%
32) Benzene-d6	8.276	84	927111	19.828	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.320%
36) 1,2-Dichloropropane-d6	9.276	67	267552	19.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.440%
41) Toluene-d8	10.324	98	848498	20.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.240%
43) trans-1,3-Dichloroprop...	10.580	79	112367	20.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.800%
47) 2-Hexanone-d5	10.922	63	96442	45.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	206514	19.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	292089	20.806	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	221543m	21.341	ug/L	
3) Chloromethane	2.228	50	250118	17.849	ug/L	99
5) Vinyl chloride	2.375	62	297126	19.421	ug/L	98
6) Bromomethane	2.789	94	199600	19.803	ug/L	100
8) Chloroethane	2.935	64	183067	19.716	ug/L	95
9) Trichlorofluoromethane	3.271	101	253845	19.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	247761	19.151	ug/L	97
12) 1,1-Dichloroethene	4.045	96	249772	20.208	ug/L	96
13) Acetone	4.118	43	149078	46.491	ug/L	99
14) Carbon disulfide	4.393	76	768950	18.536	ug/L	99
15) Methyl Acetate	4.667	43	87651	16.309	ug/L	98
16) Methylene chloride	4.917	84	277268	17.729	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	251370	18.902	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	320686	19.270	ug/L #	81
19) 1,1-Dichloroethane	6.221	63	454948	18.344	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	277695	19.589	ug/L	97
22) 2-Butanone	7.166	43	158162	39.882	ug/L	98
23) Bromochloromethane	7.520	128	121008	18.707	ug/L	91
25) Chloroform	7.678	83	472030	19.514	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	283055	19.102	ug/L	98
29) Cyclohexane	7.959	56	383592	18.899	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	396840	20.925	ug/L	99
31) Carbon tetrachloride	8.069	117	373508	20.851	ug/L	99
33) Benzene	8.325	78	1053191	19.531	ug/L	100
34) Trichloroethene	9.093	95	279425	19.843	ug/L	94
35) Methylcyclohexane	9.337	83	447749	18.905	ug/L	99
37) 1,2-Dichloropropane	9.367	63	256777	18.481	ug/L	99
38) Bromodichloromethane	9.642	83	326356	19.557	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	406165	19.840	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	259720	38.531	ug/L	97
42) Toluene	10.385	91	1121513	20.253	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	339552	20.237	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	194017	19.296	ug/L	97
46) Tetrachloroethene	10.861	164	228912	20.680	ug/L	95
48) 2-Hexanone	10.964	43	233745	44.233	ug/L	95
49) Dibromochloromethane	11.129	129	218760	20.061	ug/L	97
50) 1,2-Dibromoethane	11.233	107	180062	19.299	ug/L	96
51) Chlorobenzene	11.653	112	726612	19.773	ug/L	99
52) Ethylbenzene	11.727	91	1291213	20.755	ug/L	97
53) m,p-Xylene	11.836	106	506872	21.249	ug/L	93
54) o-Xylene	12.165	106	482240	21.641	ug/L	98
55) Styrene	12.178	104	820135	21.381	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	226494	18.780	ug/L	99
59) Bromoform	12.348	173	129794	19.631	ug/L	98
60) Isopropylbenzene	12.458	105	1301566	21.110	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156490	18.256	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1076902	22.278	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1061579	22.410	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	581547	20.437	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	596944	20.880	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	486768	19.516	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	34211	18.632	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.622	180	380364	20.758	ug/L	95
70) 1,2,4-trichlorobenzene	15.122	180	316562	21.898	ug/L	94
71) Naphthalene	15.360	128	557076	21.840	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	266931	20.801	ug/L	98

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

