

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027248.D
 Acq On : 05 Oct 2023 20:06
 Operator : SY/MD
 Sample : 04747-12MSD
 Misc : 6.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E05J6MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Oct 06 01:27:53 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	981038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	966339	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	494804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	306873	19.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.640%
7) Chloroethane-d5	2.899	69	254241	20.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.480%
11) 1,1-Dichloroethene-d2	4.027	65	118847	18.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.240%
21) 2-Butanone-d5	7.075	46	178268	55.946	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.900%
24) Chloroform-d	7.648	84	598114	20.832	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.320%
26) 1,2-Dichloroethane-d4	8.307	65	302431	21.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.920%
32) Benzene-d6	8.276	84	1196004	20.195	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.760%
36) 1,2-Dichloropropane-d6	9.276	67	386789	21.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	10.325	98	1073194	20.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.160%
43) trans-1,3-Dichloroprop...	10.575	79	150713	21.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.640%
47) 2-Hexanone-d5	10.922	63	155743	57.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	349764	25.776	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	359471	21.668	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	265541m	20.831	ug/L	
3) Chloromethane	2.229	50	363956	21.152	ug/L	99
5) Vinyl chloride	2.375	62	387350	20.618	ug/L	97
6) Bromomethane	2.790	94	245578	19.841	ug/L	97
8) Chloroethane	2.930	64	240554	21.098	ug/L	97
9) Trichlorofluoromethane	3.265	101	273964	17.351	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	297487	18.726	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	289535	19.077	ug/L	88
13) Acetone	4.125	43	201792	51.249	ug/L	99
14) Carbon disulfide	4.393	76	900512	17.678	ug/L	100
15) Methyl Acetate	4.673	43	163532	24.779	ug/L	97
16) Methylene chloride	4.917	84	388445	20.227	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	314104	19.235	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	454555	22.243	ug/L	99
19) 1,1-Dichloroethane	6.216	63	617587	20.280	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	360597	20.715	ug/L	99
22) 2-Butanone	7.173	43	257859	52.951	ug/L	97
23) Bromochloromethane	7.520	128	162422	20.449	ug/L	97
25) Chloroform	7.679	83	613046	20.639	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	393055	21.602	ug/L	99
29) Cyclohexane	7.959	56	492565	19.159	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	452409	18.833	ug/L	98
31) Carbon tetrachloride	8.069	117	409684	18.056	ug/L	97
33) Benzene	8.325	78	1373084	20.104	ug/L	100
34) Trichloroethene	9.093	95	345467	19.369	ug/L	95
35) Methylcyclohexane	9.337	83	555257	18.509	ug/L	99
37) 1,2-Dichloropropane	9.368	63	371477	21.108	ug/L	100
38) Bromodichloromethane	9.642	83	441477	20.887	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	548111	21.138	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	457032	53.530	ug/L	98
42) Toluene	10.386	91	1446329	20.620	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	469053	22.071	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	291500	22.888	ug/L	97
46) Tetrachloroethene	10.861	164	259955	18.541	ug/L	93
48) 2-Hexanone	10.965	43	363030	54.238	ug/L	99
49) Dibromochloromethane	11.130	129	294410	21.315	ug/L	99
50) 1,2-Dibromoethane	11.233	107	265712	22.484	ug/L	93
51) Chlorobenzene	11.654	112	909407	19.538	ug/L	98
52) Ethylbenzene	11.727	91	1592514	20.210	ug/L	99
53) m,p-Xylene	11.837	106	599108	19.829	ug/L	99
54) o-Xylene	12.166	106	580161	20.555	ug/L	97
55) Styrene	12.178	104	1037835	21.361	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	367048	24.028	ug/L	99
59) Bromoform	12.349	173	175229	22.426	ug/L	95
60) Isopropylbenzene	12.465	105	1533694	21.049	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	254002	25.074	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1250945	21.898	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1230819	21.986	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	706940	21.022	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	699735	20.711	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	617824	20.961	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	55171	25.425	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	426358	19.689	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	351973	20.602	ug/L	99
71) Naphthalene	15.360	128	724792	24.045	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	331860	21.883	ug/L	99

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

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