

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031457.D
 Acq On : 21 Dec 2024 03:51
 Operator : SY/MD
 Sample : P5333-22MSD
 Misc : 8.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2923MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025

Quant Time: Jan 03 10:45:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.825	114	965243	25.000	ug/L	-0.02
28) Chlorobenzene-d5	11.623	117	772528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	315570	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	220705	15.197	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.800%
7) Chloroethane-d5	2.881	69	67935m	6.324	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.280%#
11) 1,1-Dichloroethene-d2	3.850	65	93378m	13.555	ug/L	-0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.200%
21) 2-Butanone-d5	7.173	46	57259m	20.935	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.880%
24) Chloroform-d	7.624	84	386358	14.609	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.440%
26) 1,2-Dichloroethane-d4	8.288	65	184165	13.866	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	55.480%#
32) Benzene-d6	8.240	84	825916	16.680	ug/L	-0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.720%
36) 1,2-Dichloropropane-d6	9.264	67	242812	16.826	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.320%#
41) Toluene-d8	10.312	98	765060	16.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.440%
43) trans-1,3-Dichloroprop...	10.575	79	68446	10.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	41.160%
47) 2-Hexanone-d5	10.946	63	35353	18.217	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.440%
56) 1,1,2,2-Tetrachloroeth...	12.696	84	98464	10.867	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	43.480%#
66) 1,2-Dichlorobenzene-d4	13.848	152	166998	14.255	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	57.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	100247	11.492	ug/L	96
3) Chloromethane	2.210	50	167724	17.114	ug/L	95
5) Vinyl chloride	2.363	62	171966	12.662	ug/L	100
6) Bromomethane	2.783	94	109215	13.080	ug/L	98
8) Chloroethane	2.899	64	32956	4.080	ug/L	94
9) Trichlorofluoromethane	3.161	101	34549m	2.388	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	3.887	101	157592m	13.489	ug/L	
12) 1,1-Dichloroethene	3.875	96	146737m	12.401	ug/L	
14) Carbon disulfide	4.216	76	360942	9.353	ug/L	100
15) Methyl Acetate	4.673	43	815380	188.473	ug/L	96
16) Methylene chloride	4.826	84	155738	12.823	ug/L	96
17) trans-1,2-Dichloroethene	5.307	96	119116	9.339	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	133401	6.256	ug/L	# 84
19) 1,1-Dichloroethane	6.142	63	289742	12.156	ug/L	97
20) cis-1,2-Dichloroethene	7.130	96	170321	12.342	ug/L	96
22) 2-Butanone	7.258	43	56676m	12.280	ug/L	
23) Bromochloromethane	7.484	128	66378	12.060	ug/L	93
25) Chloroform	7.654	83	302035	12.839	ug/L	98
27) 1,2-Dichloroethane	8.380	62	176313	11.922	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.904	56	234018	11.170	ug/L	99
30) 1,1,1-Trichloroethane	7.837	97	215796	10.807	ug/L	97
31) Carbon tetrachloride	8.026	117	194607	10.940	ug/L	98
33) Benzene	8.288	78	678183	14.206	ug/L	100
34) Trichloroethene	9.069	95	182043	13.506	ug/L	89
35) Methylcyclohexane	9.313	83	260624	11.104	ug/L	98
37) 1,2-Dichloropropane	9.355	63	159900	13.426	ug/L	99
38) Bromodichloromethane	9.642	83	173626	11.214	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	220943	10.978	ug/L	99
40) 4-Methyl-2-pentanone	10.233	43	116250	18.398	ug/L #	92
42) Toluene	10.379	91	731308	14.070	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	158362	9.637	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	95060	12.000	ug/L	97
46) Tetrachloroethene	10.849	164	131140	13.283	ug/L	93
48) 2-Hexanone	10.983	43	74019	13.774	ug/L #	71
49) Dibromochloromethane	11.129	129	86093	9.169	ug/L	94
50) 1,2-Dibromoethane	11.233	107	86555	11.534	ug/L	94
51) Chlorobenzene	11.654	112	423911	13.008	ug/L	97
52) Ethylbenzene	11.727	91	812422	13.486	ug/L	97
53) m,p-Xylene	11.830	106	309297	13.487	ug/L	95
54) o-Xylene	12.160	106	285146	13.193	ug/L	99
55) Styrene	12.178	104	443234	12.329	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	80425	9.418	ug/L	97
59) Bromoform	12.349	173	35185	7.937	ug/L	98
60) Isopropylbenzene	12.458	105	803125	15.552	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	65682	12.163	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	632430	14.445	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	605797	14.316	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	291362	13.925	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	274226	13.228	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	226416	12.559	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	9959	7.268	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	175293	11.962	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	134786	11.057	ug/L	94
71) Naphthalene	15.360	128	169374	7.925	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97403	9.918	ug/L	98

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

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