

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031537.D
 Acq On : 26 Dec 2024 18:35
 Operator : SY/MD
 Sample : P5378-04MS
 Misc : 6.86g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MS

Quant Time: Dec 27 00:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	736520	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	639684	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	292739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	191503	17.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.120%
7) Chloroethane-d5	2.899	69	170752	20.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	4.015	65	88823	16.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.600%
21) 2-Butanone-d5	7.093	46	109707	52.567	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.140%
24) Chloroform-d	7.648	84	429043	21.261	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.040%
26) 1,2-Dichloroethane-d4	8.306	65	238256	23.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.270	84	807235	19.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.760%
36) 1,2-Dichloropropane-d6	9.270	67	253105	21.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.720%
41) Toluene-d8	10.318	98	717204	18.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	10.574	79	107749	19.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.240%
47) 2-Hexanone-d5	10.922	63	87919	54.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	204719	27.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	240678	22.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	110966m	16.671	ug/L	
3) Chloromethane	2.216	50	112385	15.029	ug/L	99
5) Vinyl chloride	2.369	62	177854	17.162	ug/L	99
6) Bromomethane	2.789	94	130219	20.439	ug/L	95
8) Chloroethane	2.929	64	127849	20.745	ug/L	100
9) Trichlorofluoromethane	3.265	101	200661	18.176	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	163149	18.301	ug/L	97
12) 1,1-Dichloroethene	4.039	96	154812	17.146	ug/L	95
13) Acetone	4.167	43	165251	56.857	ug/L #	100
14) Carbon disulfide	4.386	76	391915	13.309	ug/L	100
15) Methyl Acetate	4.691	43	81553	24.705	ug/L	96
16) Methylene chloride	4.917	84	195797	21.128	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	173374	17.814	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	406915	25.009	ug/L	98
19) 1,1-Dichloroethane	6.215	63	364951	20.066	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	230004	21.842	ug/L	98
22) 2-Butanone	7.185	43	163171	46.334	ug/L	96
23) Bromochloromethane	7.520	128	98592	23.476	ug/L	87
25) Chloroform	7.672	83	384807	21.438	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	266520	23.618	ug/L	100
29) Cyclohexane	7.959	56	254975	14.698	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	300491	18.174	ug/L	99
31) Carbon tetrachloride	8.069	117	247329	16.791	ug/L	99
33) Benzene	8.325	78	761142	19.254	ug/L	100
34) Trichloroethene	9.087	95	204314	18.307	ug/L	95
35) Methylcyclohexane	9.337	83	296744	15.268	ug/L	97
37) 1,2-Dichloropropane	9.367	63	213962	21.696	ug/L	99
38) Bromodichloromethane	9.642	83	278194	21.699	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	341747	20.508	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	269956	51.597	ug/L	98
42) Toluene	10.385	91	827000	19.215	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	288210	21.181	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	167122	25.478	ug/L	97
46) Tetrachloroethene	10.861	164	141020	17.250	ug/L	92
48) 2-Hexanone	10.965	43	230628	51.829	ug/L	97
49) Dibromochloromethane	11.123	129	177989	22.891	ug/L	98
50) 1,2-Dibromoethane	11.233	107	157294	25.314	ug/L	96
51) Chlorobenzene	11.653	112	536377	19.877	ug/L	97
52) Ethylbenzene	11.727	91	905032	18.144	ug/L	99
53) m,p-Xylene	11.830	106	359372	18.925	ug/L	96
54) o-Xylene	12.159	106	360302	20.133	ug/L	97
55) Styrene	12.178	104	598465	20.104	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	195060	27.586	ug/L	98
59) Bromoform	12.348	173	93862	22.824	ug/L	94
60) Isopropylbenzene	12.458	105	876833	18.303	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	143947	28.736	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	790375	19.460	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	890602	22.687	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	404916	20.862	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	401487	20.877	ug/L	90
67) 1,2-Dichlorobenzene	13.866	146	377517	22.574	ug/L	86
68) 1,2-Dibromo-3-chloropr...	14.476	75	31896	25.091	ug/L	90
69) 1,3,5-Trichlorobenzene	14.622	180	254959	18.756	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	220507	19.501	ug/L	95
71) Naphthalene	15.360	128	558119	28.153	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	182979	20.084	ug/L	97

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

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