

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030871.D
 Acq On : 31 Oct 2024 19:14
 Operator : SY/MD
 Sample : P4581-03MSD
 Misc : 5.06g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC9MSD

Quant Time: Nov 01 03:16:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	61427	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	50806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	21607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	24778	25.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.640%	
7) Chloroethane-d5	2.887	69	21272	29.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.400%	
11) 1,1-Dichloroethene-d2	4.027	65	8598	21.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 85.640%	
21) 2-Butanone-d5	7.094	46	5722	32.930	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 65.860%	
24) Chloroform-d	7.648	84	40812	23.232	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 92.920%	
26) 1,2-Dichloroethane-d4	8.307	65	24815	27.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.680%	
32) Benzene-d6	8.276	84	81547	27.655	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.600%	
36) 1,2-Dichloropropane-d6	9.270	67	23222	26.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 107.320%	
41) Toluene-d8	10.325	98	58707	21.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 87.240%	
43) trans-1,3-Dichloroprop...	10.581	79	7694	21.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 84.920%	
47) 2-Hexanone-d5	10.922	63	4964	44.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 89.060%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19438	30.581	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 122.320%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	18363	25.117	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	17173	21.882	ug/L	96
3) Chloromethane	2.216	50	17376	19.050	ug/L	98
5) Vinyl chloride	2.363	62	22537	20.091	ug/L	99
6) Bromomethane	2.790	94	15145	20.513	ug/L	98
8) Chloroethane	2.924	64	15584	22.726	ug/L	96
9) Trichlorofluoromethane	3.265	101	27056	26.956	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	15644	17.324	ug/L #	76
12) 1,1-Dichloroethene	4.051	96	12896	15.648	ug/L	83
13) Acetone	4.131	43	7954	31.267	ug/L	87
14) Carbon disulfide	4.387	76	41315	15.352	ug/L	100
15) Methyl Acetate	4.673	43	6069m	19.313	ug/L	
16) Methylene chloride	4.917	84	15577	16.774	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	13732	15.441	ug/L	90
18) Methyl tert-butyl Ether	5.435	73	26762	21.502	ug/L	95
19) 1,1-Dichloroethane	6.222	63	28369	17.164	ug/L	98
20) cis-1,2-Dichloroethene	7.179	96	14599	15.391	ug/L	91
22) 2-Butanone	7.179	43	6134	22.369	ug/L	79
23) Bromochloromethane	7.514	128	7099	17.108	ug/L	96
25) Chloroform	7.679	83	31481	17.823	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	23857	20.474	ug/L	98
29) Cyclohexane	7.959	56	21000	16.980	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	27439	20.345	ug/L	97
31) Carbon tetrachloride	8.069	117	21579	17.914	ug/L	96
33) Benzene	8.325	78	68214	20.632	ug/L	100
34) Trichloroethene	9.093	95	16573	18.018	ug/L	97
35) Methylcyclohexane	9.331	83	21862	15.103	ug/L	94
37) 1,2-Dichloropropane	9.368	63	16960	20.539	ug/L	99
38) Bromodichloromethane	9.642	83	23342	21.247	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	20158	16.184	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	15839	39.927	ug/L	93
42) Toluene	10.386	91	58046	16.456	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	16888	16.135	ug/L	91
45) 1,1,2-Trichloroethane	10.782	97	13620	22.822	ug/L	98
46) Tetrachloroethene	10.861	164	11244	16.574	ug/L	93
48) 2-Hexanone	10.971	43	10789	33.257	ug/L	92
49) Dibromochloromethane	11.129	129	12293	18.461	ug/L	98
50) 1,2-Dibromoethane	11.233	107	11939	21.440	ug/L #	95
51) Chlorobenzene	11.654	112	35825	15.778	ug/L	97
52) Ethylbenzene	11.727	91	49356	12.263	ug/L	98
53) m,p-Xylene	11.837	106	16393	10.872	ug/L	91
54) o-Xylene	12.160	106	19384	13.905	ug/L	95
55) Styrene	12.178	104	34409	14.438	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	15592	23.168	ug/L	94
59) Bromoform	12.343	173	7330	24.146	ug/L	97
60) Isopropylbenzene	12.459	105	50081	14.967	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	10773	25.623	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	32732	12.399	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	31194	12.069	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	21665	14.875	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	21420	14.243	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	23202	18.103	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.483	75	2037	21.728	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	13008	13.544	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	9382	12.134	ug/L	97
71) Naphthalene	15.360	128	14445	10.813	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	9172	13.683	ug/L	92

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

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