

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030535.D
 Acq On : 11 Oct 2024 02:20
 Operator : SY/MD
 Sample : P4352-06MSD
 Misc : 5.21g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4FD0MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

Quant Time: Oct 11 03:29:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 02:35:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	458068	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	397167	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143642	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	173467	24.092	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	96.360%	
7) Chloroethane-d5	2.893	69	147537	27.070	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	=	108.280%	
11) 1,1-Dichloroethene-d2	4.015	65	72724	24.284	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	97.120%	
21) 2-Butanone-d5	7.075	46	61526	47.483	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	94.960%	
24) Chloroform-d	7.648	84	345829	26.400	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	105.600%	
26) 1,2-Dichloroethane-d4	8.307	65	176888	25.967	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	103.880%	
32) Benzene-d6	8.270	84	643308	27.907	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	111.640%	
36) 1,2-Dichloropropane-d6	9.270	67	192033	28.383	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	113.520%	
41) Toluene-d8	10.319	98	598357	28.434	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	113.720%	
43) trans-1,3-Dichloroprop...	10.575	79	74017	26.126	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	104.520%	
47) 2-Hexanone-d5	10.922	63	51144	58.689	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	117.380%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119756	24.102	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	13.849	152	119750	24.639	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	98.560%	
Target Compounds						
2) Dichlorodifluoromethane	2.009	85	96614	16.508	ug/L	92
3) Chloromethane	2.223	50	126196	18.553	ug/L	99
5) Vinyl chloride	2.375	62	145450	17.388	ug/L	98
6) Bromomethane	2.783	94	102228	18.567	ug/L	99
8) Chloroethane	2.930	64	99806	19.518	ug/L	100
9) Trichlorofluoromethane	3.265	101	134446	17.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	114232	16.964	ug/L	98
12) 1,1-Dichloroethene	4.039	96	113445m	18.459	ug/L	
13) Acetone	4.125	43	45165	23.808	ug/L	99
14) Carbon disulfide	4.393	76	288320	14.366	ug/L	99
15) Methyl Acetate	4.667	43	40050	17.091	ug/L	99
16) Methylene chloride	4.917	84	118524	17.115	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	122781	18.515	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	179255	19.314	ug/L	99
19) 1,1-Dichloroethane	6.216	63	237150	19.241	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	137076	19.379	ug/L	98
22) 2-Butanone	7.173	43	54891	26.844	ug/L	98
23) Bromochloromethane	7.508	128	55698	18.000	ug/L	87
25) Chloroform	7.673	83	247464	18.788	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155792	17.929	ug/L	100
29) Cyclohexane	7.959	56	194683	20.137	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	198481	18.825	ug/L	99
31) Carbon tetrachloride	8.069	117	175972	18.687	ug/L	100
33) Benzene	8.325	78	523733	20.264	ug/L	100
34) Trichloroethene	9.093	95	137757	19.158	ug/L	96
35) Methylcyclohexane	9.331	83	188482	16.656	ug/L	99
37) 1,2-Dichloropropane	9.368	63	128883	19.966	ug/L	100
38) Bromodichloromethane	9.642	83	165358	19.254	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	188055	19.314	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	126987	40.949	ug/L	98
42) Toluene	10.386	91	549357	19.923	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	151295	18.491	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	86267	18.491	ug/L	96
46) Tetrachloroethene	10.855	164	92814	17.501	ug/L	94
48) 2-Hexanone	10.965	43	83800	33.044	ug/L	98
49) Dibromochloromethane	11.130	129	91612	17.599	ug/L	93
50) 1,2-Dibromoethane	11.227	107	76937	17.674	ug/L	94
51) Chlorobenzene	11.654	112	305938	17.236	ug/L	95
52) Ethylbenzene	11.727	91	588726	18.712	ug/L	100
53) m,p-Xylene	11.837	106	212639	18.039	ug/L	99
54) o-Xylene	12.160	106	199240	18.283	ug/L	88
55) Styrene	12.178	104	286670	15.388	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	87544	16.640	ug/L	96
59) Bromoform	12.343	173	44720	22.159	ug/L	94
60) Isopropylbenzene	12.459	105	533552	23.986	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65195	23.325	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	401423	22.874	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	373661	21.746	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	175408	18.116	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	167952	16.799	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	144421	16.950	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	12150	19.495	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	73002	11.433	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	46457	9.038	ug/L	99
71) Naphthalene	15.360	128	99299	11.182	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	38083	8.546	ug/L	97

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

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