

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030895.D
 Acq On : 01 Nov 2024 18:59
 Operator : SY/MD
 Sample : P4582-04MSD
 Misc : 5.09g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EE8MSD

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/05/2024

Quant Time: Nov 04 00:56:04 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	301363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289695	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	156045	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	101854	21.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.000%
7) Chloroethane-d5	2.899	69	94496m	26.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	4.027	65	43225	21.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.075	46	75644	88.734	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.460%#
24) Chloroform-d	7.654	84	264451	30.685	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.720%
26) 1,2-Dichloroethane-d4	8.307	65	144065	32.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.600%
32) Benzene-d6	8.276	84	467752	27.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.280%
36) 1,2-Dichloropropane-d6	9.276	67	148133	30.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.080%#
41) Toluene-d8	10.319	98	417454	27.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	10.575	79	64955	31.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.720%
47) 2-Hexanone-d5	10.922	63	62530	98.375	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	196.760%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	139797	38.572	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	154.280%#
66) 1,2-Dichlorobenzene-d4	13.855	152	157396	29.810	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.240%
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	141458m	36.739	ug/L	
3) Chloromethane	2.229	50	162634	36.343	ug/L	98
5) Vinyl chloride	2.375	62	178192	32.379	ug/L	99
6) Bromomethane	2.789	94	119641	33.029	ug/L	97
8) Chloroethane	2.936	64	112068	33.312	ug/L	97
9) Trichlorofluoromethane	3.265	101	157810	32.048	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	140829	31.788	ug/L	97
12) 1,1-Dichloroethene	4.045	96	128360	31.747	ug/L	94
13) Acetone	4.119	43	76203	61.058	ug/L	94
14) Carbon disulfide	4.393	76	437281	33.119	ug/L	98
15) Methyl Acetate	4.673	43	65824	42.697	ug/L	100
16) Methylene chloride	4.917	84	159218	34.947	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	153167	35.107	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	251958	41.263	ug/L	97
19) 1,1-Dichloroethane	6.222	63	279994	34.530	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	167826	36.064	ug/L	96
22) 2-Butanone	7.173	43	93395	69.423	ug/L	99
23) Bromochloromethane	7.514	128	75567	37.119	ug/L	96
25) Chloroform	7.679	83	297288	34.307	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	201701	35.283	ug/L	100
29) Cyclohexane	7.953	56	230817	32.731	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	242004	31.469	ug/L	97
31) Carbon tetrachloride	8.075	117	212423	30.927	ug/L	100
33) Benzene	8.325	78	632990	33.577	ug/L	100
34) Trichloroethene	9.093	95	166317	31.711	ug/L	94
35) Methylcyclohexane	9.337	83	269652	32.669	ug/L	99
37) 1,2-Dichloropropane	9.368	63	161053	34.206	ug/L	99
38) Bromodichloromethane	9.642	83	216903	34.625	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	252961	35.618	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	188485	83.329	ug/L	98
42) Toluene	10.386	91	682300	33.925	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	211862	35.500	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	124038	36.451	ug/L	97
46) Tetrachloroethene	10.855	164	125258	32.381	ug/L	87
48) 2-Hexanone	10.965	43	138301	74.766	ug/L	100
49) Dibromochloromethane	11.123	129	140620	37.035	ug/L	95
50) 1,2-Dibromoethane	11.233	107	119312	37.576	ug/L	97
51) Chlorobenzene	11.654	112	423646	32.722	ug/L	97
52) Ethylbenzene	11.727	91	766388	33.395	ug/L	97
53) m,p-Xylene	11.837	106	292009	33.963	ug/L	100
54) o-Xylene	12.160	106	275463	34.655	ug/L	91
55) Styrene	12.178	104	486453	35.798	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	144736	37.717	ug/L	91
59) Bromoform	12.349	173	77285	35.251	ug/L	98
60) Isopropylbenzene	12.458	105	760478	31.470	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	104621	34.455	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	622923	32.674	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	606085	32.469	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	325667	30.961	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	334380	30.787	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	292522	31.603	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	23907	35.310	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	220653	31.811	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	169257	30.311	ug/L	95
71) Naphthalene	15.360	128	366491	37.989	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	162234	33.513	ug/L	98

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

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