

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030562.D
 Acq On : 11 Oct 2024 20:25
 Operator : SY/MD
 Sample : P4351-02MS
 Misc : 5.50g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOLG5MS

Quant Time: Oct 14 01:45:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 01:34:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	424925	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	361605	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	156748	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	147112	22.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.120%
7) Chloroethane-d5	2.905	69	126792	25.078	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.320%
11) 1,1-Dichloroethene-d2	4.021	65	66381	23.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.560%
21) 2-Butanone-d5	7.075	46	76737	63.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.680%
24) Chloroform-d	7.648	84	326993	26.909	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.640%
26) 1,2-Dichloroethane-d4	8.307	65	193780	30.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.680%
32) Benzene-d6	8.276	84	573917	27.346	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	9.270	67	188081	30.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.120%#
41) Toluene-d8	10.324	98	498194	26.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	10.581	79	77202	29.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.720%
47) 2-Hexanone-d5	10.922	63	60272	75.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	161275	35.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.600%#
66) 1,2-Dichlorobenzene-d4	13.854	152	147894	27.885	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.560%
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	77161	14.213	ug/L	95
3) Chloromethane	2.222	50	84032	13.318	ug/L	97
5) Vinyl chloride	2.375	62	105516	13.598	ug/L	99
6) Bromomethane	2.789	94	71838	14.065	ug/L	95
8) Chloroethane	2.942	64	71842	15.145	ug/L	95
9) Trichlorofluoromethane	3.265	101	87778	12.642	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85414	13.673	ug/L #	47
12) 1,1-Dichloroethene	4.045	96	80982m	14.205	ug/L	
13) Acetone	4.118	43	65389	37.158	ug/L	99
14) Carbon disulfide	4.386	76	230642	12.389	ug/L	99
15) Methyl Acetate	4.673	43	38298	17.618	ug/L	98
16) Methylene chloride	4.923	84	109002	16.968	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	88894	14.450	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	202910	23.568	ug/L	99
19) 1,1-Dichloroethane	6.215	63	188057	16.448	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	109607	16.704	ug/L	96
22) 2-Butanone	7.166	43	79485	41.903	ug/L	97
23) Bromochloromethane	7.514	128	51532	17.952	ug/L #	87
25) Chloroform	7.679	83	204925	16.772	ug/L	97

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27) 1,2-Dichloroethane	8.398	62	157142	19.495	ug/L	99
29) Cyclohexane	7.959	56	122989	13.972	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	144348	15.038	ug/L	99
31) Carbon tetrachloride	8.069	117	117825	13.743	ug/L	97
33) Benzene	8.325	78	391653	16.644	ug/L	100
34) Trichloroethene	9.093	95	89966	13.742	ug/L	95
35) Methylcyclohexane	9.337	83	131695	12.782	ug/L	98
37) 1,2-Dichloropropane	9.367	63	111610	18.991	ug/L	100
38) Bromodichloromethane	9.648	83	148549	18.998	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	158530	17.883	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	145315	51.468	ug/L	98
42) Toluene	10.385	91	364346	14.513	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	141565	19.004	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	90149	21.224	ug/L	98
46) Tetrachloroethene	10.861	164	49252	10.200	ug/L	95
48) 2-Hexanone	10.965	43	105572	45.723	ug/L	96
49) Dibromochloromethane	11.129	129	92280	19.471	ug/L	99
50) 1,2-Dibromoethane	11.233	107	81247	20.499	ug/L	97
51) Chlorobenzene	11.653	112	223212	13.812	ug/L	95
52) Ethylbenzene	11.727	91	345537	12.062	ug/L	96
53) m,p-Xylene	11.836	106	123742	11.530	ug/L	93
54) o-Xylene	12.166	106	126972	12.797	ug/L	79
55) Styrene	12.178	104	231028	13.621	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	108598	22.672	ug/L	97
59) Bromoform	12.348	173	51385	23.333	ug/L	97
60) Isopropylbenzene	12.464	105	284040	11.701	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	77072	25.268	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	223738	11.683	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	228048	12.162	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	136561	12.924	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	144568	13.251	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	142266	15.301	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	16876	24.814	ug/L	88
69) 1,3,5-Trichlorobenzene	14.622	180	82451	11.834	ug/L	93
70) 1,2,4-trichlorobenzene	15.128	180	73726	13.144	ug/L	98
71) Naphthalene	15.360	128	197694	20.400	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	70669	14.533	ug/L	99

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

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