

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030872.D
 Acq On : 31 Oct 2024 19:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Quant Time: Nov 01 03:17:38 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	322994	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	310008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146277	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	98495	19.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.600%
7) Chloroethane-d5	2.899	69	92321	24.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	4.021	65	40106	18.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.960%
21) 2-Butanone-d5	7.075	46	62160	68.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.060%#
24) Chloroform-d	7.648	84	259917	28.139	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.560%
26) 1,2-Dichloroethane-d4	8.307	65	138034	28.738	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.960%
32) Benzene-d6	8.276	84	449738	24.995	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.270	67	142157	26.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.680%
41) Toluene-d8	10.319	98	422884	25.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	10.575	79	60754	27.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.880%
47) 2-Hexanone-d5	10.922	63	52715	77.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.000%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120848	31.159	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	141782	28.646	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.009	85	82816	20.068	ug/L	97
3) Chloromethane	2.222	50	108138	22.546	ug/L	100
5) Vinyl chloride	2.375	62	134885	22.868	ug/L	97
6) Bromomethane	2.789	94	92990	23.953	ug/L	95
8) Chloroethane	2.936	64	84095	23.323	ug/L	96
9) Trichlorofluoromethane	3.265	101	112702	21.355	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	94842m	19.974	ug/L	
12) 1,1-Dichloroethene	4.045	96	83255	19.212	ug/L	97
13) Acetone	4.118	43	46201	34.540	ug/L	100
14) Carbon disulfide	4.393	76	282826	19.986	ug/L	99
15) Methyl Acetate	4.673	43	38550	23.331	ug/L	97
16) Methylene chloride	4.917	84	99478	20.372	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	95296	20.380	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	145513	22.235	ug/L	100
19) 1,1-Dichloroethane	6.216	63	181645	20.901	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	125843	25.231	ug/L	99
22) 2-Butanone	7.167	43	68350	47.404	ug/L	98
23) Bromochloromethane	7.514	128	55356	25.370	ug/L	91
25) Chloroform	7.679	83	234142	25.211	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148004	24.156	ug/L	100
29) Cyclohexane	7.953	56	174528	23.128	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	186764	22.694	ug/L	99
31) Carbon tetrachloride	8.063	117	168294	22.897	ug/L	98
33) Benzene	8.325	78	469004	23.248	ug/L	100
34) Trichloroethene	9.093	95	126692	22.573	ug/L	99
35) Methylcyclohexane	9.337	83	205742	23.293	ug/L	98
37) 1,2-Dichloropropane	9.367	63	119538	23.725	ug/L	100
38) Bromodichloromethane	9.642	83	148041	22.084	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	191897	25.250	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	135083	55.807	ug/L	98
42) Toluene	10.386	91	527180	24.494	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	160716	25.165	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	91227	25.052	ug/L	96
46) Tetrachloroethene	10.861	164	99394	24.011	ug/L	93
48) 2-Hexanone	10.965	43	99270	50.150	ug/L	98
49) Dibromochloromethane	11.129	129	102360	25.192	ug/L	96
50) 1,2-Dibromoethane	11.233	107	87346	25.706	ug/L	96
51) Chlorobenzene	11.654	112	329005	23.747	ug/L	96
52) Ethylbenzene	11.727	91	585411	23.837	ug/L	99
53) m,p-Xylene	11.837	106	224539	24.405	ug/L	99
54) o-Xylene	12.160	106	204014	23.984	ug/L	94
55) Styrene	12.178	104	353762	24.328	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	106638	25.968	ug/L	95
59) Bromoform	12.343	173	51393	25.007	ug/L	98
60) Isopropylbenzene	12.458	105	540238	23.849	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69774	24.513	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	415038	23.224	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	421191	24.071	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	226812	23.003	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	262720	25.804	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	224728	25.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14380	22.657	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	140474	21.604	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	109241	20.870	ug/L	98
71) Naphthalene	15.360	128	221319	24.473	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104202	22.963	ug/L	99

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

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