

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013124\
 Data File : VW027868.D
 Acq On : 31 Jan 2024 10:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/01/2024
 Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 01 00:29:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 30 22:00:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	314255	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	285918	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	145061	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	85509	22.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
7) Chloroethane-d5	2.899	69	51495	15.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.240%
11) 1,1-Dichloroethene-d2	4.021	65	36392	21.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.360%
21) 2-Butanone-d5	7.093	46	35856	56.533	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.060%
24) Chloroform-d	7.654	84	191742	25.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.307	65	89490	25.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.960%
32) Benzene-d6	8.276	84	388157	23.920	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.276	67	109684	24.432	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.720%
41) Toluene-d8	10.325	98	369362	24.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	10.575	79	45610	26.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.560%
47) 2-Hexanone-d5	10.922	63	33188	56.318	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88760	27.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	128215	25.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	78419	24.056	ug/L	98
3) Chloromethane	2.228	50	86755	21.416	ug/L	96
5) Vinyl chloride	2.375	62	110217	26.957	ug/L	98
6) Bromomethane	2.795	94	67787	21.293	ug/L	100
8) Chloroethane	2.942	64	47809	17.748	ug/L	99
9) Trichlorofluoromethane	3.271	101	102875	21.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	102932m	26.957	ug/L	
12) 1,1-Dichloroethene	4.045	96	93456	25.002	ug/L	97
13) Acetone	4.149	43	36614	45.169	ug/L	98
14) Carbon disulfide	4.393	76	269465	23.452	ug/L	100
15) Methyl Acetate	4.685	43	28329	25.689	ug/L	97
16) Methylene chloride	4.917	84	96736	21.232	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	100916	25.268	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	125698	25.760	ug/L	99
19) 1,1-Dichloroethane	6.222	63	171398	25.297	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	108309	24.934	ug/L	99
22) 2-Butanone	7.185	43	44154	56.155	ug/L	99
23) Bromochloromethane	7.520	128	49915	26.484	ug/L	95
25) Chloroform	7.679	83	179648	25.647	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	104768	26.463	ug/L	96
29) Cyclohexane	7.959	56	145252	24.968	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	150607	26.263	ug/L	98
31) Carbon tetrachloride	8.069	117	136252	27.390	ug/L	98
33) Benzene	8.325	78	400687	25.389	ug/L	100
34) Trichloroethene	9.093	95	110991	25.729	ug/L	98
35) Methylcyclohexane	9.337	83	181542	25.004	ug/L	99
37) 1,2-Dichloropropane	9.367	63	94298	24.802	ug/L	100
38) Bromodichloromethane	9.642	83	128485	27.026	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	154455	26.364	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	80060	53.983	ug/L	100
42) Toluene	10.386	91	445137	25.916	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	123534	27.316	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	75708	26.579	ug/L	96
46) Tetrachloroethene	10.861	164	85810	24.396	ug/L	85
48) 2-Hexanone	10.965	43	63849	59.459	ug/L	98
49) Dibromochloromethane	11.129	129	84863	27.266	ug/L	97
50) 1,2-Dibromoethane	11.233	107	70444	26.832	ug/L	99
51) Chlorobenzene	11.654	112	285943	25.212	ug/L	95
52) Ethylbenzene	11.727	91	497979	25.721	ug/L	100
53) m,p-Xylene	11.836	106	195072	25.887	ug/L	92
54) o-Xylene	12.160	106	184778	26.177	ug/L	98
55) Styrene	12.178	104	317434	26.620	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	84306	27.453	ug/L	95
59) Bromoform	12.343	173	49215	27.631	ug/L #	96
60) Isopropylbenzene	12.458	105	516228	26.174	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	57298	26.086	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	421602	26.607	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	429293	27.305	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	237780	26.280	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	233057	26.352	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	207637	26.925	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11604	27.070	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	163808	26.295	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	140627	27.493	ug/L	92
71) Naphthalene	15.360	128	232205	27.635	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	111390	25.894	ug/L	95

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

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