

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071924\
 Data File : VW029647.D
 Acq On : 19 Jul 2024 10:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/22/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 19 23:11:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 19 01:07:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	232084	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215133	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99668	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73058	19.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.960%
7) Chloroethane-d5	2.905	69	60980	22.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
11) 1,1-Dichloroethene-d2	4.021	65	36031	21.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.600%
21) 2-Butanone-d5	7.075	46	45094m	40.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.140%
24) Chloroform-d	7.648	84	167568	24.975	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.920%
26) 1,2-Dichloroethane-d4	8.307	65	94939	24.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.480%
32) Benzene-d6	8.270	84	311813	24.195	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.270	67	102826	24.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.800%
41) Toluene-d8	10.319	98	275454	24.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	10.575	79	37434	21.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.800%
47) 2-Hexanone-d5	10.922	63	29918	39.956	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74667	22.318	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	86339	24.874	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	38773	17.061	ug/L	97
3) Chloromethane	2.222	50	62047	20.406	ug/L	96
5) Vinyl chloride	2.375	62	83024	23.927	ug/L	95
6) Bromomethane	2.795	94	50267	24.466	ug/L	94
8) Chloroethane	2.942	64	56459	26.442	ug/L	99
9) Trichlorofluoromethane	3.271	101	74531	23.861	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	77099	25.081	ug/L	95
12) 1,1-Dichloroethene	4.045	96	71406	24.740	ug/L	90
13) Acetone	4.118	43	44437	39.119	ug/L	100
14) Carbon disulfide	4.393	76	206674	22.050	ug/L	99
15) Methyl Acetate	4.673	43	40747	20.431	ug/L	99
16) Methylene chloride	4.923	84	89629	21.571	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	79658	24.932	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	129332	23.791	ug/L	98
19) 1,1-Dichloroethane	6.216	63	174735	26.630	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	90200	25.817	ug/L	94
22) 2-Butanone	7.167	43	54730	36.701	ug/L	100
23) Bromochloromethane	7.514	128	38137	24.268	ug/L	96
25) Chloroform	7.673	83	174142	27.429	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123235	25.880	ug/L	99
29) Cyclohexane	7.959	56	138476	25.850	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	136225	27.729	ug/L	98
31) Carbon tetrachloride	8.075	117	119742	26.614	ug/L	100
33) Benzene	8.325	78	361809	26.880	ug/L	100
34) Trichloroethene	9.093	95	92003	25.883	ug/L	93
35) Methylcyclohexane	9.331	83	155740	27.259	ug/L	97
37) 1,2-Dichloropropane	9.367	63	101288	27.212	ug/L	99
38) Bromodichloromethane	9.642	83	123097	27.076	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	146671	26.236	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	117044	44.618	ug/L	98
42) Toluene	10.386	91	384659	27.934	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	119543	24.948	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	66229	24.741	ug/L	95
46) Tetrachloroethene	10.861	164	66684	26.406	ug/L	85
48) 2-Hexanone	10.965	43	84187	42.718	ug/L	99
49) Dibromochloromethane	11.123	129	71289	25.590	ug/L	97
50) 1,2-Dibromoethane	11.233	107	59522	23.333	ug/L	95
51) Chlorobenzene	11.654	112	240605	27.029	ug/L	100
52) Ethylbenzene	11.727	91	437316	28.031	ug/L	99
53) m,p-Xylene	11.837	106	160020	27.940	ug/L	97
54) o-Xylene	12.166	106	155159	29.291	ug/L	96
55) Styrene	12.178	104	265319	28.484	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	78614	23.282	ug/L	98
59) Bromoform	12.349	173	35877	23.319	ug/L	96
60) Isopropylbenzene	12.458	105	426504	30.413	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	57443	23.814	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	319782	32.058	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	335894	30.510	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	175595	27.935	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	174443	27.089	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	158375	27.873	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12374	21.458	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	116357	28.375	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	100167	27.761	ug/L	99
71) Naphthalene	15.354	128	178639	23.588	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87060	26.557	ug/L	98

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

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