

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042424\
 Data File : VW028544.D
 Acq On : 24 Apr 2024 16:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/25/2024
 Supervised By : Mahesh Dadoda 04/25/2024

Quant Time: Apr 25 02:59:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 25 02:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	316079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290247	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	149004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	72666	14.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.360%
7) Chloroethane-d5	2.899	69	64346m	16.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.000%
11) 1,1-Dichloroethene-d2	4.027	65	33587	15.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.600%
21) 2-Butanone-d5	7.081	46	51766	54.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.180%
24) Chloroform-d	7.648	84	166410	20.176	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	8.306	65	91461	21.338	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.360%
32) Benzene-d6	8.276	84	301554	19.018	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.080%
36) 1,2-Dichloropropane-d6	9.276	67	95514	20.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.080%
41) Toluene-d8	10.324	98	277667	19.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.040%
43) trans-1,3-Dichloroprop...	10.574	79	38156	20.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.440%
47) 2-Hexanone-d5	10.922	63	33828	51.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83502	25.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	96299	20.436	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79215	18.634	ug/L	93
3) Chloromethane	2.222	50	107502	21.538	ug/L	99
5) Vinyl chloride	2.375	62	129420	21.773	ug/L	100
6) Bromomethane	2.795	94	78952	21.259	ug/L	100
8) Chloroethane	2.941	64	80815	22.554	ug/L	97
9) Trichlorofluoromethane	3.271	101	113267	23.887	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	103441	23.187	ug/L	97
12) 1,1-Dichloroethene	4.045	96	95145	22.714	ug/L	89
13) Acetone	4.118	43	60965	52.363	ug/L	98
14) Carbon disulfide	4.392	76	282271	20.468	ug/L	100
15) Methyl Acetate	4.673	43	49336	26.336	ug/L	99
16) Methylene chloride	4.923	84	121783	25.463	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	101664	23.041	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	161751	26.061	ug/L	100
19) 1,1-Dichloroethane	6.221	63	206021	23.965	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	114797	24.514	ug/L	98
22) 2-Butanone	7.172	43	72475	51.293	ug/L	100
23) Bromochloromethane	7.514	128	47961	23.777	ug/L	93
25) Chloroform	7.678	83	207265	24.543	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145410	24.947	ug/L	99
29) Cyclohexane	7.959	56	181389	23.659	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	168335	23.914	ug/L	99
31) Carbon tetrachloride	8.069	117	149272	23.913	ug/L	98
33) Benzene	8.325	78	436994	24.081	ug/L	100
34) Trichloroethene	9.093	95	115976	23.582	ug/L	96
35) Methylcyclohexane	9.337	83	197049	23.480	ug/L	99
37) 1,2-Dichloropropane	9.367	63	115878	24.499	ug/L	100
38) Bromodichloromethane	9.642	83	144834	24.705	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	171284	24.695	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	141649	59.825	ug/L	98
42) Toluene	10.385	91	469483	24.420	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	143241	25.528	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	81802	25.564	ug/L	96
46) Tetrachloroethene	10.861	164	85611	23.305	ug/L	92
48) 2-Hexanone	10.964	43	109810	58.427	ug/L	99
49) Dibromochloromethane	11.123	129	86912	25.412	ug/L	99
50) 1,2-Dibromoethane	11.233	107	73174	25.054	ug/L #	95
51) Chlorobenzene	11.653	112	292877	24.509	ug/L	96
52) Ethylbenzene	11.727	91	540818	24.816	ug/L	99
53) m,p-Xylene	11.836	106	197169	24.329	ug/L	97
54) o-Xylene	12.159	106	190676	25.268	ug/L	99
55) Styrene	12.178	104	327233	25.479	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	97828	27.014	ug/L	98
59) Bromoform	12.348	173	49338	25.085	ug/L	98
60) Isopropylbenzene	12.458	105	527344	23.607	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72306	26.542	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	348777	24.497	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	428131	24.986	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	223038	23.531	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	224246	23.258	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	202449	24.282	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15360	24.605	ug/L	88
69) 1,3,5-Trichlorobenzene	14.616	180	157449	24.140	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	130193	25.561	ug/L	97
71) Naphthalene	15.360	128	242470	26.898	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110311	24.406	ug/L	98

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

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