

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042324\
 Data File : VW028526.D
 Acq On : 23 Apr 2024 17:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Apr 24 01:26:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 24 01:22:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/24/2024
 Supervised By : Mahesh Dadoda 04/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	326873	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298545	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	89895	17.155	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.600%
7) Chloroethane-d5	2.887	69	79457	20.005	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	4.015	65	41053	18.500	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.000%
21) 2-Butanone-d5	7.112	46	46119	47.032	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.060%
24) Chloroform-d	7.648	84	200450	23.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	8.307	65	105844	23.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.276	84	370313	22.706	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.840%
36) 1,2-Dichloropropane-d6	9.276	67	116585	24.049	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.200%
41) Toluene-d8	10.319	98	331697	22.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.575	79	43489	22.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.928	63	31491	46.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86082	25.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	110865	25.091	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79450	18.072	ug/L	100
3) Chloromethane	2.210	50	105251	20.391	ug/L	98
5) Vinyl chloride	2.363	62	125965	20.492	ug/L	100
6) Bromomethane	2.783	94	77064	20.066	ug/L	97
8) Chloroethane	2.924	64	78572	21.204	ug/L	96
9) Trichlorofluoromethane	3.253	101	98373	20.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.057	101	92604	20.072	ug/L #	68
12) 1,1-Dichloroethene	4.039	96	89621	20.689	ug/L	87
13) Acetone	4.186	43	35319m	29.334	ug/L	
14) Carbon disulfide	4.381	76	268461	18.824	ug/L	99
15) Methyl Acetate	4.698	43	34999	18.066	ug/L	99
16) Methylene chloride	4.911	84	102163	20.655	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	95379	20.903	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	146297	22.792	ug/L	100
19) 1,1-Dichloroethane	6.216	63	198108	22.283	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	108057	22.312	ug/L	97
22) 2-Butanone	7.191	43	44647	30.555	ug/L	95
23) Bromochloromethane	7.514	128	44047	21.115	ug/L	91
25) Chloroform	7.679	83	196952	22.552	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134161	22.257	ug/L	98
29) Cyclohexane	7.953	56	163886	20.782	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	153940	21.261	ug/L	98
31) Carbon tetrachloride	8.069	117	134862	21.004	ug/L	99
33) Benzene	8.319	78	418876	22.441	ug/L	100
34) Trichloroethene	9.087	95	108388	21.427	ug/L	97
35) Methylcyclohexane	9.337	83	174994	20.273	ug/L	99
37) 1,2-Dichloropropane	9.368	63	109743	22.557	ug/L	100
38) Bromodichloromethane	9.642	83	135888	22.534	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	158921	22.276	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	107993	44.343	ug/L	99
42) Toluene	10.386	91	442253	22.365	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	128891	22.332	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	74805	22.727	ug/L	96
46) Tetrachloroethene	10.861	164	77578	20.532	ug/L	82
48) 2-Hexanone	10.971	43	73820	38.186	ug/L	96
49) Dibromochloromethane	11.129	129	78400	22.286	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67511	22.473	ug/L	97
51) Chlorobenzene	11.654	112	273789	22.275	ug/L	99
52) Ethylbenzene	11.727	91	506575	22.599	ug/L	99
53) m,p-Xylene	11.837	106	185024	22.196	ug/L	99
54) o-Xylene	12.166	106	176407	22.728	ug/L	98
55) Styrene	12.178	104	305934	23.159	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	83054	22.297	ug/L	97
59) Bromoform	12.349	173	42021	22.785	ug/L	99
60) Isopropylbenzene	12.458	105	489330	23.362	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60108	23.531	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	321113	24.053	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	396230	24.662	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	208603	23.471	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	206067	22.793	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	183343	23.452	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	12114	20.696	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	132605	21.682	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	111344	23.314	ug/L	96
71) Naphthalene	15.354	128	196744	23.277	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	95607	22.559	ug/L	99

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

