

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022423\
 Data File : VW025369.D
 Acq On : 24 Feb 2023 12:16
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Feb 27 00:39:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	267341	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120559	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	51462	22.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.960%
7) Chloroethane-d5	2.899	69	38470	23.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	4.027	63	145621	24.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.160%
21) 2-Butanone-d5	7.075	46	27017	52.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.240%
24) Chloroform-d	7.648	84	139723	27.245	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	8.301	65	74945	28.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.680%
32) Benzene-d6	8.276	84	258745	25.573	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.280%
36) 1,2-Dichloropropane-d6	9.276	67	70252	24.743	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.960%
41) Toluene-d8	10.325	98	247678	26.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.040%
43) trans-1,3-Dichloroprop...	10.575	79	34145	26.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.600%
47) 2-Hexanone-d5	10.922	63	22678	54.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56510	26.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	77110	25.183	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	92832m	27.661	ug/L	
3) Chloromethane	2.223	50	64763	21.499	ug/L	99
5) Vinyl chloride	2.375	62	80144	22.853	ug/L	100
6) Bromomethane	2.796	94	49715	22.326	ug/L	99
8) Chloroethane	2.936	64	44310	21.592	ug/L	96
9) Trichlorofluoromethane	3.265	101	98617	23.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	86119	23.824	ug/L	99
12) 1,1-Dichloroethene	4.045	96	80400	23.340	ug/L	95
13) Acetone	4.119	43	38069	44.759	ug/L	95
14) Carbon disulfide	4.387	76	261209	23.248	ug/L	99
15) Methyl Acetate	4.667	43	31476	22.970	ug/L	99
16) Methylene chloride	4.917	84	92245	24.402	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	86295	23.897	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	126314	24.766	ug/L #	90
19) 1,1-Dichloroethane	6.216	63	150477	23.189	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	89386	23.557	ug/L	96
22) 2-Butanone	7.167	43	44600	45.207	ug/L	98
23) Bromochloromethane	7.514	128	38792	23.958	ug/L	94
25) Chloroform	7.679	83	165692	24.812	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114830	25.493	ug/L	98
29) Cyclohexane	7.959	56	138842	23.101	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	154827	25.034	ug/L	98
31) Carbon tetrachloride	8.069	117	144264	24.782	ug/L	99
33) Benzene	8.325	78	341623	23.401	ug/L	100
34) Trichloroethene	9.093	95	94945	23.288	ug/L	98
35) Methylcyclohexane	9.337	83	168176	23.539	ug/L	99
37) 1,2-Dichloropropane	9.368	63	80911	22.913	ug/L	99
38) Bromodichloromethane	9.642	83	114943	23.997	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	137014	23.715	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	84993	47.312	ug/L	99
42) Toluene	10.386	91	372204	23.683	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	120677	24.848	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	63089	23.953	ug/L	94
46) Tetrachloroethene	10.861	164	73739	23.952	ug/L	98
48) 2-Hexanone	10.965	43	62696	46.759	ug/L	98
49) Dibromochloromethane	11.129	129	75270	24.740	ug/L	97
50) 1,2-Dibromoethane	11.233	107	59905	23.725	ug/L	94
51) Chlorobenzene	11.654	112	238722	23.652	ug/L	98
52) Ethylbenzene	11.727	91	439048	24.108	ug/L	98
53) m,p-Xylene	11.837	106	168372	24.332	ug/L	99
54) o-Xylene	12.166	106	155908	24.372	ug/L	98
55) Styrene	12.178	104	267210	24.561	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	70783	23.541	ug/L	100
59) Bromoform	12.349	173	42831	23.731	ug/L	99
60) Isopropylbenzene	12.459	105	444360	22.535	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	53399	22.356	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	374316	23.637	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	361636	24.125	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	181719	23.568	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	186315	24.103	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	165419	23.395	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13577	24.600	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	127116	24.086	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	102793	22.447	ug/L	94
71) Naphthalene	15.360	128	209709	23.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	90562	23.286	ug/L	96

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

