

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
 Data File : VW029243.D
 Acq On : 20 Jun 2024 03:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Jun 20 05:06:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 00:39:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	242000	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111943	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71976	21.488	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.960%		
7) Chloroethane-d5	2.899	69	61948	21.901	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.600%		
11) 1,1-Dichloroethene-d2	4.021	65	34466	21.311	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.240%		
21) 2-Butanone-d5	7.075	46	49464	49.359	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.720%		
24) Chloroform-d	7.648	84	171090	23.700	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.800%		
26) 1,2-Dichloroethane-d4	8.307	65	101021	24.373	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.480%		
32) Benzene-d6	8.276	84	327717	23.807	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.240%		
36) 1,2-Dichloropropane-d6	9.270	67	107008	24.454	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.800%		
41) Toluene-d8	10.319	98	303332	24.906	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.640%		
43) trans-1,3-Dichloroprop...	10.575	79	40649	23.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.200%		
47) 2-Hexanone-d5	10.922	63	34081	49.683	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.360%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84546	24.276	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.120%		
66) 1,2-Dichlorobenzene-d4	13.848	152	96689	24.884	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	49037m	20.769	ug/L	
3) Chloromethane	2.222	50	63573	18.884	ug/L	98
5) Vinyl chloride	2.375	62	75455	19.517	ug/L	96
6) Bromomethane	2.783	94	47055	20.251	ug/L	89
8) Chloroethane	2.936	64	50663	21.425	ug/L	98
9) Trichlorofluoromethane	3.265	101	58830	19.628	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	64764	19.598	ug/L #	70
12) 1,1-Dichloroethene	4.051	96	61057	21.774	ug/L	78
13) Acetone	4.118	43	33570	39.418	ug/L	96
14) Carbon disulfide	4.393	76	178571	19.508	ug/L	99
15) Methyl Acetate	4.667	43	40773	24.116	ug/L	99
16) Methylene chloride	4.917	84	92398	21.714	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	69037	22.170	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	125752	25.240	ug/L	100
19) 1,1-Dichloroethane	6.216	63	153352	22.801	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79227	23.072	ug/L	97
22) 2-Butanone	7.167	43	49586	42.474	ug/L	96
23) Bromochloromethane	7.514	128	35050	22.928	ug/L	94
25) Chloroform	7.679	83	151295	23.037	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	111776	23.077	ug/L	100
29) Cyclohexane	7.959	56	111006	21.425	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	115018	22.823	ug/L	96
31) Carbon tetrachloride	8.069	117	98624	21.423	ug/L	94
33) Benzene	8.325	78	315117	23.141	ug/L	100
34) Trichloroethene	9.093	95	79477	21.876	ug/L	97
35) Methylcyclohexane	9.331	83	121256	21.222	ug/L	98
37) 1,2-Dichloropropane	9.368	63	89500	23.390	ug/L	99
38) Bromodichloromethane	9.648	83	106633	22.793	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	123562	22.844	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	114704	48.365	ug/L	99
42) Toluene	10.386	91	333786	23.843	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	102978	22.547	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	62075	23.293	ug/L	94
46) Tetrachloroethene	10.861	164	54065	21.288	ug/L	90
48) 2-Hexanone	10.965	43	78821	46.838	ug/L	98
49) Dibromochloromethane	11.123	129	64837	23.275	ug/L	95
50) 1,2-Dibromoethane	11.233	107	55868	23.354	ug/L	98
51) Chlorobenzene	11.654	112	208683	22.956	ug/L	98
52) Ethylbenzene	11.727	91	375626	23.638	ug/L	97
53) m,p-Xylene	11.837	106	140350	24.180	ug/L	96
54) o-Xylene	12.160	106	134062	24.713	ug/L	92
55) Styrene	12.178	104	236251	24.978	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	75282	22.837	ug/L	98
59) Bromoform	12.349	173	35248	22.974	ug/L	99
60) Isopropylbenzene	12.458	105	356184	23.879	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	57263	23.452	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	272749	25.249	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	294458	25.334	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	158173	24.504	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	155658	22.665	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	146572	24.562	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12337	21.652	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	100675	23.110	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	81591	23.104	ug/L	97
71) Naphthalene	15.360	128	178973	25.678	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	73710	22.907	ug/L	96

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

