

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020823\
 Data File : VW025317.D
 Acq On : 08 Feb 2023 14:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/09/2023
 Supervised By : Mahesh Dadoda 02/09/2023

Quant Time: Feb 09 00:28:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	380335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	337461	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171581	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	83051	22.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
7) Chloroethane-d5	2.898	69	67840	20.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
11) 1,1-Dichloroethene-d2	4.031	63	219148	21.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.880%
21) 2-Butanone-d5	7.080	46	53849	56.361	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.720%
24) Chloroform-d	7.653	84	259190	26.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	8.305	65	132606	27.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.240%
32) Benzene-d6	8.275	84	495554	24.229	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	9.274	67	144590	24.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.323	98	451326	24.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	10.573	79	60977	27.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.921	63	46786	69.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.460%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95336	23.426	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	155515	26.124	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	99708m	19.374	ug/L	
3) Chloromethane	2.227	50	99808	20.204	ug/L	99
5) Vinyl chloride	2.379	62	110573	21.978	ug/L	100
6) Bromomethane	2.788	94	63367	18.395	ug/L	100
8) Chloroethane	2.934	64	61271	19.508	ug/L	99
9) Trichlorofluoromethane	3.269	101	119907	16.569	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	116345	22.171	ug/L	94
12) 1,1-Dichloroethene	4.050	96	111709	21.445	ug/L	99
13) Acetone	4.117	43	39852	37.829	ug/L	99
14) Carbon disulfide	4.397	76	351403	20.643	ug/L	100
15) Methyl Acetate	4.672	43	45395	25.182	ug/L	100
16) Methylene chloride	4.915	84	124396	19.213	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	124178	22.198	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	185895	23.116	ug/L	99
19) 1,1-Dichloroethane	6.220	63	229239	23.013	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	134116	22.833	ug/L	96
22) 2-Butanone	7.171	43	57780	45.102	ug/L	98
23) Bromochloromethane	7.513	128	58757	24.285	ug/L	96
25) Chloroform	7.677	83	240617	23.483	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	154896	24.821	ug/L	98
29) Cyclohexane	7.958	56	195631	20.130	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	201860	21.088	ug/L	99
31) Carbon tetrachloride	8.073	117	174843	19.749	ug/L	98
33) Benzene	8.323	78	516070	22.099	ug/L	100
34) Trichloroethene	9.092	95	139030	21.254	ug/L	99
35) Methylcyclohexane	9.335	83	229631	19.667	ug/L	99
37) 1,2-Dichloropropane	9.366	63	126448	21.954	ug/L	100
38) Bromodichloromethane	9.646	83	154033	20.113	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	208531	22.112	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	124783	49.067	ug/L	98
42) Toluene	10.384	91	560259	24.125	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	174056	25.893	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94399	26.005	ug/L	95
46) Tetrachloroethene	10.866	164	96204	23.013	ug/L	94
48) 2-Hexanone	10.969	43	86620	53.953	ug/L	99
49) Dibromochloromethane	11.128	129	108754	26.526	ug/L	96
50) 1,2-Dibromoethane	11.231	107	86966	26.153	ug/L	99
51) Chlorobenzene	11.658	112	352434	23.060	ug/L	98
52) Ethylbenzene	11.731	91	640373	23.015	ug/L	98
53) m,p-Xylene	11.835	106	245106	23.243	ug/L	99
54) o-Xylene	12.164	106	233480	21.994	ug/L	96
55) Styrene	12.176	104	404141	22.484	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	87196	20.160	ug/L	99
59) Bromoform	12.347	173	56948	23.394	ug/L	98
60) Isopropylbenzene	12.463	105	638753	21.982	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	64827	21.250	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	464206	19.816	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	468781	19.971	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	276479	22.965	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	278185	23.416	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	244009	23.519	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17925	25.157	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	183978	23.499	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	149346	23.427	ug/L	98
71) Naphthalene	15.359	128	301433	25.866	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	132623	24.229	ug/L	97

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

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