

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061721\
 Data File : VW019238.D
 Acq On : 17 Jun 2021 13:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025120

Quant Time: Jun 18 01:03:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 18 01:02:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	527541	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	484548	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	248839	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135546	19.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.720%
7) Chloroethane-d5	2.897	69	128372	21.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	4.025	63	327260	23.612	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.440%
21) 2-Butanone-d5	7.086	46	88659	48.520	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.040%
24) Chloroform-d	7.647	84	350680	24.725	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	8.305	65	183428	23.056	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.240%
32) Benzene-d6	8.275	84	654813	23.719	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.880%
36) 1,2-Dichloropropane-d6	9.274	67	202135	24.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.600%
41) Toluene-d8	10.323	98	591135	23.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.280%
43) trans-1,3-Dichloroprop...	10.579	79	83570	23.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.240%
47) 2-Hexanone-d5	10.927	63	70821	49.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.800%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	171033	24.774	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	202652	23.333	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	164342	24.046	ug/L	95
3) Chloromethane	2.215	50	163254	25.836	ug/L	98
5) Vinyl chloride	2.367	62	265467	27.522	ug/L	99
6) Bromomethane	2.788	94	174385	24.313	ug/L	95
8) Chloroethane	2.934	64	159560	27.825	ug/L	100
9) Trichlorofluoromethane	3.263	101	156010	29.469	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	212935	28.121	ug/L	95
12) 1,1-Dichloroethene	4.044	96	206316	27.581	ug/L	93
13) Acetone	4.141	43	116456	71.923	ug/L	89
14) Carbon disulfide	4.391	76	630038	26.647	ug/L	100
15) Methyl Acetate	4.678	43	75184	23.085	ug/L	97
16) Methylene chloride	4.915	84	230229	23.520	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	219422	27.226	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	268839	25.804	ug/L	98
19) 1,1-Dichloroethane	6.214	63	401633	28.076	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	230004	27.410	ug/L	97
22) 2-Butanone	7.171	43	134255	62.012	ug/L	100
23) Bromochloromethane	7.519	128	94934	25.717	ug/L	96
25) Chloroform	7.677	83	405882	27.819	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	254159	25.725	ug/L	99
29) Cyclohexane	7.958	56	359236	28.491	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	317104	28.441	ug/L	100
31) Carbon tetrachloride	8.067	117	291613	28.327	ug/L	100
33) Benzene	8.323	78	891123	27.960	ug/L	100
34) Trichloroethene	9.091	95	231708	27.889	ug/L	93
35) Methylcyclohexane	9.335	83	402380	28.144	ug/L	97
37) 1,2-Dichloropropane	9.372	63	217834	27.824	ug/L	98
38) Bromodichloromethane	9.646	83	279177	27.492	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	334334	27.561	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	234236	50.238	ug/L	96
42) Toluene	10.390	91	962249	28.063	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	291096	27.186	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	156632	26.572	ug/L	98
46) Tetrachloroethene	10.859	164	168836	26.585	ug/L	96
48) 2-Hexanone	10.969	43	190750	60.858	ug/L	96
49) Dibromochloromethane	11.128	129	174295	26.678	ug/L	97
50) 1,2-Dibromoethane	11.237	107	143257	25.085	ug/L	93
51) Chlorobenzene	11.658	112	588287	27.795	ug/L	98
52) Ethylbenzene	11.731	91	1077834	28.574	ug/L	96
53) m,p-Xylene	11.841	106	395917	28.462	ug/L	99
54) o-Xylene	12.164	106	379884	28.669	ug/L	95
55) Styrene	12.182	104	654358	28.716	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	187939	25.871	ug/L	98
59) Bromoform	12.347	173	92724	24.187	ug/L	96
60) Isopropylbenzene	12.463	105	1040066	27.918	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	135833	24.399	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	863376	28.217	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	873769	28.607	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	430626	26.485	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	431169	25.934	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	396744	27.112	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	27946	22.932	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	319823	27.225	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	254587	26.406	ug/L	99
71) Naphthalene	15.365	128	483649	25.160	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	216007	25.286	ug/L	98

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

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