

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023526.D
 Acq On : 28 Jun 2022 12:14
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV432

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/29/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 02:07:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:55:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	385098	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	369132	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	200086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	101887	20.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.200%		
7) Chloroethane-d5	2.885	69	85880	22.927	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.720%		
11) 1,1-Dichloroethene-d2	4.013	63	173615	22.324	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.280%		
21) 2-Butanone-d5	7.074	46	53325	45.196	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.400%		
24) Chloroform-d	7.647	84	233028	23.567	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.280%		
26) 1,2-Dichloroethane-d4	8.305	65	121071	23.259	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.040%		
32) Benzene-d6	8.275	84	421163	23.078	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.320%		
36) 1,2-Dichloropropane-d6	9.275	67	128528	23.622	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.480%		
41) Toluene-d8	10.323	98	431681	24.200	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.800%		
43) trans-1,3-Dichloroprop...	10.579	79	59499	24.158	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.640%		
47) 2-Hexanone-d5	10.921	63	46152	52.387	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.780%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119921	23.929	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.720%		
66) 1,2-Dichlorobenzene-d4	13.853	152	169728	24.417	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	55285	29.326	ug/L #	90
3) Chloromethane	2.215	50	126801	26.979	ug/L	100
5) Vinyl chloride	2.361	62	178775	25.129	ug/L	97
6) Bromomethane	2.776	94	108124	26.732	ug/L	100
8) Chloroethane	2.916	64	96718	25.936	ug/L	96
9) Trichlorofluoromethane	3.257	101	89809	24.097	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	124693	24.450	ug/L	99
12) 1,1-Dichloroethene	4.044	96	107859	24.451	ug/L	92
13) Acetone	4.117	43	36111	43.700	ug/L	100
14) Carbon disulfide	4.385	76	356791	25.782	ug/L	100
15) Methyl Acetate	4.666	43	45141	23.354	ug/L	98
16) Methylene chloride	4.916	84	123585	21.474	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	129769	25.019	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	183612	24.764	ug/L	100
19) 1,1-Dichloroethane	6.214	63	212576	24.315	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	132787m	24.306	ug/L	
22) 2-Butanone	7.171	43	58506	41.484	ug/L	100
23) Bromochloromethane	7.513	128	62775	24.289	ug/L	94
25) Chloroform	7.677	83	237353	24.101	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	152686	24.112	ug/L	99
29) Cyclohexane	7.952	56	194015	25.822	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	204436	23.472	ug/L	97
31) Carbon tetrachloride	8.067	117	194605	24.331	ug/L	99
33) Benzene	8.323	78	523519	24.713	ug/L	100
34) Trichloroethene	9.092	95	137962	23.639	ug/L	94
35) Methylcyclohexane	9.335	83	238703	25.712	ug/L	100
37) 1,2-Dichloropropane	9.366	63	122014	24.222	ug/L	100
38) Bromodichloromethane	9.646	83	169748	23.526	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	192157	24.879	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	135521	47.873	ug/L	98
42) Toluene	10.384	91	579249	24.854	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	169985	24.928	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	97979	23.869	ug/L	99
46) Tetrachloroethene	10.860	164	111042	24.104	ug/L	97
48) 2-Hexanone	10.969	43	92769	48.319	ug/L	98
49) Dibromochloromethane	11.128	129	122389	24.456	ug/L	94
50) 1,2-Dibromoethane	11.231	107	98269	24.612	ug/L	98
51) Chlorobenzene	11.658	112	384456	24.297	ug/L	97
52) Ethylbenzene	11.731	91	649579	25.021	ug/L	98
53) m,p-Xylene	11.835	106	254624	24.815	ug/L	88
54) o-Xylene	12.164	106	245957	25.783	ug/L	91
55) Styrene	12.176	104	423774	25.655	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	119217	24.072	ug/L	98
59) Bromoform	12.347	173	64704	23.212	ug/L	99
60) Isopropylbenzene	12.463	105	675408	24.668	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	85120	22.927	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	559994	24.953	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	555376	25.083	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	307825	24.422	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	306675	23.699	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	277293	24.400	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18510	21.714	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	201767	24.438	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	150405	23.607	ug/L	90
71) Naphthalene	15.365	128	319311	26.417	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	139757	25.375	ug/L	96

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

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