

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049048.D
 Acq On : 11 Jun 2022 12:05
 Operator : SY/MD
 Sample : VSTD0.526
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5026

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 13 01:06:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	171078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	163423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	76836	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	3435	0.328	ug/L	0.00
7) Chloroethane-d5	1.916	69	3663	0.373	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	1926	0.383	ug/L	0.00
20) 2-Butanone-d5	4.645	46	14324	4.229	ug/L	0.00
24) Chloroform-d	5.067	84	11123	0.453	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	6289	0.467	ug/L	0.00
32) Benzene-d6	5.729	84	18837	0.401	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	6467	0.434	ug/L	0.00
41) Toluene-d8	7.899	98	15712	0.365	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	2169	0.362	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	9413	2.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	6343	0.433	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	7126	0.452	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	9790	0.786	ug/L	100
3) Chloromethane	1.520	50	8515	0.733	ug/L	99
5) Vinyl chloride	1.604	62	7589	0.653	ug/L	93
6) Bromomethane	1.858	94	4475	0.766	ug/L	93
8) Chloroethane	1.935	64	4496	0.663	ug/L	85
9) Trichlorofluoromethane	2.141	101	10685	0.697	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5508	0.596	ug/L	95
12) 1,1-Dichloroethene	2.581	96	5314	0.597	ug/L	94
13) Acetone	2.649	43	9524m	6.582	ug/L	
14) Carbon disulfide	2.797	76	18923	0.678	ug/L	99
15) Methyl Acetate	2.964	43	2696	0.704	ug/L #	87
17) Methyl tert-butyl Ether	3.366	73	14484	0.629	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	5666	0.586	ug/L	96
19) 1,1-Dichloroethane	3.877	63	10814	0.626	ug/L	95
21) 2-Butanone	4.726	43	14798	5.645	ug/L #	68
22) cis-1,2-Dichloroethene	4.674	96	7957	0.746	ug/L	90
23) Bromochloromethane	4.983	128	2824	0.536	ug/L	86
25) Chloroform	5.089	83	12002	0.639	ug/L	99
27) 1,2-Dichloroethane	5.797	62	7970	0.656	ug/L #	87
29) 1,1,1-Trichloroethane	5.317	97	10039	0.638	ug/L	98
30) Cyclohexane	5.388	56	7814	0.576	ug/L	99
31) Carbon tetrachloride	5.526	117	8973	0.649	ug/L	100
33) Benzene	5.777	78	23446	0.600	ug/L	100
34) Trichloroethene	6.546	95	6081	0.591	ug/L	96
35) Methylcyclohexane	6.764	83	8106	0.540	ug/L	96
37) 1,2-Dichloropropane	6.796	63	6368	0.631	ug/L #	93
38) Bromodichloromethane	7.105	83	8288	0.603	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	8230	0.538	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	38888	5.637	ug/L	98
42) Toluene	7.970	91	21674	0.515	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	7100	0.520	ug/L	86
45) 1,1,2-Trichloroethane	8.407	97	4321	0.523	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.552	164	4829	0.561	ug/L	94
48) 2-Hexanone	8.694	43	27634	5.288	ug/L	99
49) Dibromochloromethane	8.812	129	5643	0.551	ug/L	92
50) 1,2-Dibromoethane	8.922	107	4420	0.541	ug/L #	92
51) Chlorobenzene	9.449	112	15074	0.530	ug/L	91
52) Ethylbenzene	9.571	91	21897	0.495	ug/L	99
53) m,p-Xylene	9.693	106	9220	0.530	ug/L	95
54) o-Xylene	10.102	106	8501	0.499	ug/L	97
55) Styrene	10.118	104	13158	0.450	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	5675	0.514	ug/L	94
59) Bromoform	10.292	173	3489	0.629	ug/L #	96
60) Isopropylbenzene	10.484	105	20836	0.555	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	4533	0.663	ug/L	93
62) 1,3,5-Trimethylbenzene	11.089	105	16617	0.642	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	16256	0.520	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	11855	0.587	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	11088	0.543	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	11082	0.555	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.999	75	997	0.616	ug/L	84
69) 1,3,5-Trichlorobenzene	13.224	180	7919	0.473	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	5954	0.414	ug/L	97
71) Naphthalene	14.092	128	17907	0.681	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	6073	0.438	ug/L	94

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

