

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050222\
 Data File : VW025781.D
 Acq On : 02 May 2022 21:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005399

Quant Time: May 09 04:22:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 05:22:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152553	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	156773	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85701	6.042	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 120.800%	
7) Chloroethane-d5	1.568	69	75010	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 99.400%	
11) 1,1-Dichloroethene-d2	2.111	63	148569	5.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 104.600%	
20) 2-Butanone-d5	3.896	46	111429	64.588	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 129.180%	
24) Chloroform-d	4.349	84	119254	5.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 111.200%	
26) 1,2-Dichloroethane-d4	5.037	65	53497	5.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 115.800%	
32) Benzene-d6	5.050	84	236435	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.200%	
36) 1,2-Dichloropropane-d6	6.069	67	69343	5.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 109.600%	
41) Toluene-d8	7.317	98	217312	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.200%	
43) trans-1,3-Dichloroprop...	7.625	79	21484	5.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.000%	
46) 2-Hexanone-d5	8.088	63	88930	59.592	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 119.180%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42858	5.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 107.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	67578	4.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 94.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	39907	2.896	ug/L	98
3) Chloromethane	1.243	50	63530	4.243	ug/L	100
5) Vinyl chloride	1.314	62	64859	3.833	ug/L	99
6) Bromomethane	1.523	94	37183	3.047	ug/L	98
8) Chloroethane	1.587	64	48990	3.751	ug/L	99
9) Trichlorofluoromethane	1.754	101	89985	3.786	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	45224	3.387	ug/L	98
12) 1,1-Dichloroethene	2.121	96	50066	3.784	ug/L	99
13) Acetone	2.182	43	79849	68.190	ug/L	96
14) Carbon disulfide	2.294	76	91730	2.896	ug/L	100
15) Methyl Acetate	2.445	43	17407	6.689	ug/L	90
16) Methylene chloride	2.510	84	55538	4.329	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	109968	5.371	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	43125	3.889	ug/L	96
19) 1,1-Dichloroethane	3.191	63	95793	5.101	ug/L	97
21) 2-Butanone	3.976	43	116099	71.752	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	52806	4.524	ug/L	92
23) Bromochloromethane	4.249	128	23604	4.871	ug/L	92
25) Chloroform	4.378	83	104984	5.296	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	57321	5.481	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	81975	4.433	ug/L	99
30) Cyclohexane	4.677	56	51170	3.044	ug/L	95
31) Carbon tetrachloride	4.828	117	62882	4.021	ug/L	99
33) Benzene	5.101	78	203219	4.388	ug/L	100
34) Trichloroethene	5.915	95	48946	3.981	ug/L	97
35) Methylcyclohexane	6.130	83	53700	2.737	ug/L	96
37) 1,2-Dichloropropane	6.175	63	52726	4.921	ug/L	100
38) Bromodichloromethane	6.510	83	69563	5.230	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	65336	4.653	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	293753	68.478	ug/L	95
42) Toluene	7.387	91	207706	4.123	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	54596	5.005	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	39874	5.558	ug/L	97
47) Tetrachloroethene	7.976	164	33009	3.429	ug/L	97
48) 2-Hexanone	8.140	43	215424	72.060	ug/L	93
49) Dibromochloromethane	8.246	129	39970	5.075	ug/L	97
50) 1,2-Dibromoethane	8.352	107	33361	4.950	ug/L	95
51) Chlorobenzene	8.882	112	136917	4.257	ug/L	96
52) Ethylbenzene	9.011	91	207215	3.857	ug/L	100
53) m,p-Xylene	9.140	106	78506	3.843	ug/L	98
54) o-Xylene	9.542	106	78902	3.977	ug/L	99
55) Styrene	9.561	104	142485	4.416	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41514	5.791	ug/L	96
59) Bromoform	9.731	173	17764	5.039	ug/L	96
60) Isopropylbenzene	9.931	105	207300	3.922	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32902	5.850	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	85606	3.632	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	155266	3.656	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	101123	4.098	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	101422	4.049	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	97672	4.470	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5987	6.157	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	68127	3.629	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	53614	3.705	ug/L	99
71) Naphthalene	13.500	128	97165	4.577	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	52254	4.361	ug/L	98

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

