

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
 Data File : VV029508.D
 Acq On : 09 Dec 2022 05:09
 Operator : SY/MD
 Sample : N5928-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ68

Quant Time: Dec 09 06:29:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	550651	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	507413	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	267871	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	185551	55.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.060%
7) Chloroethane-d5	1.564	69	148212	57.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.280%
11) 1,1-Dichloroethene-d2	2.105	63	252139	47.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.880%
21) 2-Butanone-d5	3.870	46	213318	103.704	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	4.339	84	318800	50.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	5.024	65	188199	51.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.860%
32) Benzene-d6	5.043	84	712407	53.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.260%
36) 1,2-Dichloropropane-d6	6.063	67	211307	51.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.200%
41) Toluene-d8	7.307	98	645197	51.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.140%
43) trans-1,3-Dichloroprop...	7.612	79	86852	41.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.000%
47) 2-Hexanone-d5	8.082	63	189525	108.373	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.370%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	296317	50.633	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.260%
66) 1,2-Dichlorobenzene-d4	11.612	152	263175	51.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.220%

Target Compounds					Qvalue	
5) Vinyl chloride	1.310	62	383943	92.796	ug/L	99
8) Chloroethane	1.581	64	96881	42.051	ug/L	98
12) 1,1-Dichloroethene	2.117	96	46481	15.792	ug/L #	23
17) trans-1,2-Dichloroethene	2.757	96	22575	6.656	ug/L	94
19) 1,1-Dichloroethane	3.182	63	1985383	341.719	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	2908184	779.824	ug/L	95
27) 1,2-Dichloroethane	5.133	62	8195	1.926	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	2516989	455.296	ug/L	99
33) Benzene	5.098	78	12362	0.864	ug/L	100
34) Trichloroethene	5.912	95	37427	10.443	ug/L	98
46) Tetrachloroethene	7.969	164	60081	20.851	ug/L	99
51) Chlorobenzene	8.876	112	15216	1.561	ug/L	95
63) 1,2,4-Trimethylbenzene	10.905	105	43486	3.155	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	9303	1.190	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	18512	2.354	ug/L	97

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

