

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029158.D
 Acq On : 19 Nov 2022 08:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

Quant Time: Nov 20 00:49:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:44:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	345988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	320129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	159384	5.000	ug/L	0.00

11/21/2022
 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	130868	6.204	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.000%
7) Chloroethane-d5	1.568	69	98624	5.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.108	63	208696	5.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.600%
20) 2-Butanone-d5	3.899	46	201205	56.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.960%
24) Chloroform-d	4.343	84	203252	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.027	65	90696	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.043	84	440715	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.066	67	123785	4.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.310	98	406536	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.619	79	39921	4.587	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.085	63	178295	47.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.000%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	87590	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	135665	4.758	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%

11/21/2022

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	127290	4.413	ug/L	98
3) Chloromethane	1.240	50	120161	5.020	ug/L	99
5) Vinyl chloride	1.311	62	132372	4.848	ug/L	97
6) Bromomethane	1.523	94	68383	4.190	ug/L	97
8) Chloroethane	1.584	64	79699	4.967	ug/L	96
9) Trichlorofluoromethane	1.751	101	179045	4.863	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	102756	4.930	ug/L	100
12) 1,1-Dichloroethene	2.114	96	102265	4.883	ug/L #	79
13) Acetone	2.188	43	121089m	53.312	ug/L	
14) Carbon disulfide	2.291	76	298355	4.011	ug/L	100
15) Methyl Acetate	2.439	43	29911	5.426	ug/L	95
16) Methylene chloride	2.503	84	114517	4.229	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	219202	4.882	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	114566	4.716	ug/L	98
19) 1,1-Dichloroethane	3.185	63	195021	4.911	ug/L	100
21) 2-Butanone	3.982	43	213262m	60.646	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	118149	4.784	ug/L	98
23) Bromochloromethane	4.243	128	50665	4.851	ug/L	90
25) Chloroform	4.368	83	203198	4.881	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105625	4.926	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	170397	4.536	ug/L	98
30) Cyclohexane	4.670	56	175428	4.595	ug/L	96
31) Carbon tetrachloride	4.822	117	138050	4.267	ug/L	99
33) Benzene	5.095	78	461841	4.721	ug/L	100
34) Trichloroethene	5.908	95	114327	4.565	ug/L	98
35) Methylcyclohexane	6.127	83	190896	4.337	ug/L	97
37) 1,2-Dichloropropane	6.169	63	109760	4.865	ug/L	99
38) Bromodichloromethane	6.506	83	127238	4.454	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	134857	4.282	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	517268	53.295	ug/L	99
42) Toluene	7.381	91	495060	4.684	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	102988	4.212	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	75467	5.110	ug/L	97
47) Tetrachloroethene	7.969	164	93204	4.648	ug/L	98
48) 2-Hexanone	8.137	43	380022	55.895	ug/L	98
49) Dibromochloromethane	8.239	129	78823	4.415	ug/L	95
50) 1,2-Dibromoethane	8.346	107	67971	4.954	ug/L	97
51) Chlorobenzene	8.876	112	316930	4.850	ug/L	99
52) Ethylbenzene	9.005	91	523351	4.757	ug/L	98
53) m,p-Xylene	9.133	106	205659	4.700	ug/L	98
54) o-Xylene	9.535	106	202221	4.861	ug/L	96
55) Styrene	9.555	104	343434	4.922	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	87929	5.108	ug/L	99
59) Bromoform	9.725	173	38299	4.408	ug/L	99
60) Isopropylbenzene	9.924	105	535042	5.172	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	60641	5.568	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	433369	4.945	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	432164	4.923	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	237028	4.876	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	236710	4.844	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	218651	5.007	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	8860	4.134	ug/L	85
69) 1,3,5-Trichlorobenzene	12.635	180	177773	4.740	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	134775	4.751	ug/L	98
71) Naphthalene	13.493	128	188638	5.154	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	118295	4.924	ug/L	99

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

