

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VV024122.D
 Acq On : 20 Dec 2021 04:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

Manual Integrations

APPROVED

Reviewed By :John
 Carlone

12/20/2021

Supervised By :Mahesh
 Dadoda

12/22/2021

Quant Time: Dec 20 05:39:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	92815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	97663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	60641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	20130	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.561	69	18506	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.105	63	50651	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	4.002	46	58047m	59.546	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.100%
24) Chloroform-d	4.346	84	57241	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.037	65	27428	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.047	84	96760	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.072	67	29005	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.313	98	98017	5.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	7.622	79	10447	4.315	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.101	63	44003	40.600	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23002	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	38340	4.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	39499	4.889	ug/L	99
3) Chloromethane	1.233	50	32920	4.770	ug/L	98
5) Vinyl chloride	1.304	62	36187	4.834	ug/L	98
6) Bromomethane	1.516	94	21202	4.457	ug/L	99
8) Chloroethane	1.577	64	23132	4.749	ug/L	96
9) Trichlorofluoromethane	1.744	101	72077	5.541	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	35490	5.180	ug/L	99
12) 1,1-Dichloroethene	2.111	96	33078	5.312	ug/L	97
13) Acetone	2.314	43	38260m	49.058	ug/L	
14) Carbon disulfide	2.288	76	70910	3.926	ug/L	100
15) Methyl Acetate	2.468	43	13808	7.304	ug/L #	72
16) Methylene chloride	2.503	84	38184	4.687	ug/L	99
17) Methyl tert-butyl Ether	2.777	73	82660	5.870	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	35719	5.182	ug/L	97
19) 1,1-Dichloroethane	3.185	63	69626	5.628	ug/L	99
21) 2-Butanone	4.085	43	68401	61.383	ug/L #	73
22) cis-1,2-Dichloroethene	3.905	96	42560	5.833	ug/L	99
23) Bromochloromethane	4.246	128	18800	5.670	ug/L	96
25) Chloroform	4.375	83	78007	5.672	ug/L	99

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27) 1,2-Dichloroethane	5.137	62	44593	5.985	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	70416	5.511	ug/L	99
30) Cyclohexane	4.670	56	48550	4.791	ug/L	97
31) Carbon tetrachloride	4.821	117	63082	5.252	ug/L	99
33) Benzene	5.095	78	147683	5.345	ug/L	100
34) Trichloroethene	5.908	95	39304	5.044	ug/L	97
35) Methylcyclohexane	6.124	83	52526	4.580	ug/L	99
37) 1,2-Dichloropropane	6.172	63	36683	5.586	ug/L	99
38) Bromodichloromethane	6.510	83	48361	5.199	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	42471	4.357	ug/L	100
40) 4-Methyl-2-pentanone	7.239	43	189777	60.162	ug/L	99
42) Toluene	7.387	91	166147	5.343	ug/L	95
44) trans-1,3-Dichloropropene	7.651	75	37236	4.419	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	27178	5.594	ug/L	98
47) Tetrachloroethene	7.972	164	34694	5.057	ug/L	97
48) 2-Hexanone	8.149	43	137235	60.000	ug/L	98
49) Dibromochloromethane	8.246	129	31350	4.743	ug/L	98
50) 1,2-Dibromoethane	8.352	107	25088	5.562	ug/L	93
51) Chlorobenzene	8.879	112	106665	5.133	ug/L	99
52) Ethylbenzene	9.011	91	164563	5.016	ug/L	99
53) m,p-xylene	9.136	106	66671	5.139	ug/L	99
54) o-xylene	9.542	106	64877	5.171	ug/L	100
55) Styrene	9.558	104	115173	5.514	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	29500	5.545	ug/L	99
59) Bromoform	9.731	173	13117	3.370	ug/L	98
60) Isopropylbenzene	9.931	105	173014	4.859	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22012	5.328	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	137998	4.672	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	143561	4.879	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	93681	5.145	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	91706	5.014	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	85770	5.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3638	4.032	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	70302	4.694	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	51355	4.366	ug/L	95
71) Naphthalene	13.500	128	73099	4.324	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	47893	4.612	ug/L	97

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

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