

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029054.D
 Acq On : 17 Nov 2022 06:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005351

Quant Time: Nov 17 07:01:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	271978	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	262445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	138883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79009	4.765	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.568	69	64129	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.108	63	142298	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.902	46	125261m	45.129	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.260%
24) Chloroform-d	4.343	84	173205	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.031	65	75868	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.047	84	366048	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.066	67	100140	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.310	98	358016	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.619	79	35480	4.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.088	63	156245	51.307	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.620%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	78060	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	131454	5.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	113672	5.014	ug/L	99
3) Chloromethane	1.240	50	86638	4.604	ug/L	99
5) Vinyl chloride	1.311	62	100914	4.702	ug/L	94
6) Bromomethane	1.523	94	56984	4.442	ug/L	98
8) Chloroethane	1.584	64	64152	5.086	ug/L	94
9) Trichlorofluoromethane	1.751	101	154224	5.329	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	84134	5.135	ug/L	94
12) 1,1-Dichloroethene	2.118	96	86657	5.263	ug/L	89
13) Acetone	2.195	43	76446m	42.816	ug/L	
14) Carbon disulfide	2.291	76	275139	4.706	ug/L	100
15) Methyl Acetate	2.439	43	21979	5.072	ug/L	95
16) Methylene chloride	2.503	84	107481	5.049	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	191482	5.425	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	104596	5.477	ug/L	93
19) 1,1-Dichloroethane	3.185	63	165933	5.315	ug/L	98
21) 2-Butanone	3.989	43	131602m	47.608	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	109806	5.656	ug/L	94
23) Bromochloromethane	4.246	128	47969	5.842	ug/L	96
25) Chloroform	4.368	83	179704	5.491	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	91364	5.420	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	156223	5.073	ug/L	98
30) Cyclohexane	4.674	56	152008	4.856	ug/L	99
31) Carbon tetrachloride	4.825	117	132988	5.014	ug/L	99
33) Benzene	5.095	78	411070	5.126	ug/L	100
34) Trichloroethene	5.912	95	105289	5.128	ug/L	98
35) Methylcyclohexane	6.127	83	169728	4.704	ug/L	98
37) 1,2-Dichloropropane	6.169	63	93574	5.060	ug/L	99
38) Bromodichloromethane	6.506	83	114795	4.901	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	119757	4.638	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	427261	53.697	ug/L	95
42) Toluene	7.381	91	451113	5.207	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	95869	4.783	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	68563	5.663	ug/L	97
47) Tetrachloroethene	7.969	164	90724	5.518	ug/L	98
48) 2-Hexanone	8.137	43	309434	55.516	ug/L	99
49) Dibromochloromethane	8.240	129	78296	5.349	ug/L	98
50) 1,2-Dibromoethane	8.346	107	63036	5.605	ug/L #	96
51) Chlorobenzene	8.876	112	292260	5.456	ug/L	98
52) Ethylbenzene	9.005	91	484045	5.366	ug/L	99
53) m,p-Xylene	9.130	106	192120	5.355	ug/L	95
54) o-Xylene	9.535	106	187778	5.506	ug/L	97
55) Styrene	9.555	104	316126	5.527	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	78918	5.593	ug/L	98
59) Bromoform	9.725	173	39699	5.243	ug/L	97
60) Isopropylbenzene	9.924	105	496651	5.509	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	53268	5.613	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	415261	5.438	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	414598	5.420	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	235596	5.562	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	230959	5.424	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	214080	5.625	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	8256	4.421	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.635	180	170762	5.226	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	128901	5.215	ug/L	97
71) Naphthalene	13.493	128	160024	5.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	112787	5.388	ug/L	99

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

