

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023737.D
 Acq On : 26 Nov 2021 19:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Quant Time: Nov 27 03:56:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132376	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34891	3.211	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.568	69	32488	3.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.111	63	70750	3.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.896	46	62342	47.721	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.440%
24) Chloroform-d	4.349	84	76541	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.034	65	40412	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.050	84	149984	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.069	67	44760	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.317	98	137177	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	18485	4.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.092	63	80056	59.453	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37785	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	58969	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	61062	4.862	ug/L	99
3) Chloromethane	1.240	50	53541	4.904	ug/L	98
5) Vinyl chloride	1.311	62	57425	5.008	ug/L	100
6) Bromomethane	1.523	94	30123	4.633	ug/L	99
8) Chloroethane	1.587	64	33924	4.669	ug/L	97
9) Trichlorofluoromethane	1.754	101	95077	5.089	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	48208	5.149	ug/L	98
12) 1,1-Dichloroethene	2.121	96	46687	5.264	ug/L	95
13) Acetone	2.192	43	52166m	44.377	ug/L	
14) Carbon disulfide	2.298	76	145622	4.885	ug/L	100
15) Methyl Acetate	2.439	43	13356	5.006	ug/L	96
16) Methylene chloride	2.510	84	58853	4.650	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	93298	5.133	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	51276	5.076	ug/L	96
19) 1,1-Dichloroethane	3.191	63	85963	5.061	ug/L	98
21) 2-Butanone	3.986	43	61786	41.527	ug/L #	77
22) cis-1,2-Dichloroethene	3.912	96	51631	5.329	ug/L	95
23) Bromochloromethane	4.253	128	23271	5.118	ug/L	98
25) Chloroform	4.378	83	101396	5.358	ug/L	99

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27) 1,2-Dichloroethane	5.130	62	52101	5.179	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	90684	5.271	ug/L	98
30) Cyclohexane	4.680	56	72630	5.059	ug/L	98
31) Carbon tetrachloride	4.831	117	82161	5.213	ug/L	98
33) Benzene	5.101	78	196915	5.246	ug/L	100
34) Trichloroethene	5.915	95	52299	5.201	ug/L	98
35) Methylcyclohexane	6.130	83	79931	5.099	ug/L	100
37) 1,2-Dichloropropane	6.175	63	45020	5.046	ug/L	100
38) Bromodichloromethane	6.510	83	63980	5.284	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	65489	5.158	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	234270	55.005	ug/L	99
42) Toluene	7.387	91	226147	5.556	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	56888	5.331	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	34613	5.603	ug/L	98
47) Tetrachloroethene	7.976	164	47071	5.143	ug/L	96
48) 2-Hexanone	8.140	43	173310	55.055	ug/L	98
49) Dibromochloromethane	8.246	129	45196	5.339	ug/L	97
50) 1,2-Dibromoethane	8.352	107	32563	5.405	ug/L	94
51) Chlorobenzene	8.883	112	143770	5.327	ug/L	99
52) Ethylbenzene	9.011	91	230756	5.423	ug/L	99
53) m,p-xylene	9.137	106	92428	5.458	ug/L	98
54) o-xylene	9.545	106	89087	5.532	ug/L	98
55) Styrene	9.561	104	153494	5.657	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	38975	5.670	ug/L	98
59) Bromoform	9.731	173	25322	5.260	ug/L	98
60) Isopropylbenzene	9.931	105	238999	5.491	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26616	5.149	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	196818	5.435	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	198890	5.553	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	120314	5.407	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	119153	5.328	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108931	5.349	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5436	5.295	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	92483	5.323	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	70612	5.238	ug/L	100
71) Naphthalene	13.503	128	93930	5.178	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	61787	5.290	ug/L	100

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

