

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024204.D
 Acq On : 28 Dec 2021 00:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: Dec 28 05:54:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	104754	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	107336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32850	4.169	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.568	69	28812	4.385	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.111	63	80742	4.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	3.918	46	48432	55.337	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.680%	
24) Chloroform-d	4.349	84	77403	4.628	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.034	65	36441	4.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.050	84	135991	4.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.069	67	37928	4.777	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.317	98	131391	4.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.622	79	15810	4.702	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.091	63	63335	56.027	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28273	5.215	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53204	4.682	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	106337	4.392	ug/L	100
3) Chloromethane	1.240	50	77393	4.230	ug/L	99
5) Vinyl chloride	1.310	62	83318	4.449	ug/L	100
6) Bromomethane	1.523	94	48213	4.035	ug/L	97
8) Chloroethane	1.584	64	49032	4.504	ug/L	98
9) Trichlorofluoromethane	1.754	101	134362	4.414	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	63958	4.378	ug/L	99
12) 1,1-Dichloroethene	2.117	96	64410	4.478	ug/L	91
13) Acetone	2.211	43	52615m	42.358	ug/L	
14) Carbon disulfide	2.294	76	199756	4.298	ug/L	100
15) Methyl Acetate	2.445	43	12554	4.070	ug/L	90
16) Methylene chloride	2.506	84	68635	4.464	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	139935	4.812	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	68821	4.505	ug/L	98
19) 1,1-Dichloroethane	3.188	63	113268	4.454	ug/L	99
21) 2-Butanone	4.002	43	77903	47.668	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	69264	4.582	ug/L	96
23) Bromochloromethane	4.249	128	33904	4.693	ug/L	90
25) Chloroform	4.375	83	127575	4.490	ug/L	98

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27) 1,2-Dichloroethane	5.130	62	72995	4.589	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	124264	4.591	ug/L	98
30) Cyclohexane	4.677	56	89045	4.422	ug/L	94
31) Carbon tetrachloride	4.828	117	112921	4.498	ug/L	99
33) Benzene	5.098	78	262364	4.659	ug/L	100
34) Trichloroethene	5.915	95	70359	4.428	ug/L	98
35) Methylcyclohexane	6.130	83	101662	4.418	ug/L	96
37) 1,2-Dichloropropane	6.172	63	59042	4.547	ug/L	99
38) Bromodichloromethane	6.510	83	85112	4.575	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	86876	4.616	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	306122	49.328	ug/L	99
42) Toluene	7.387	91	296054	4.711	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	77968	4.851	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	45526	4.730	ug/L	98
47) Tetrachloroethene	7.976	164	63032	4.458	ug/L	97
48) 2-Hexanone	8.140	43	221209	48.705	ug/L	99
49) Dibromochloromethane	8.246	129	60830	4.698	ug/L	95
50) 1,2-Dibromoethane	8.352	107	44078	4.819	ug/L	94
51) Chlorobenzene	8.879	112	191997	4.611	ug/L	97
52) Ethylbenzene	9.011	91	305327	4.570	ug/L	98
53) m,p-xylene	9.136	106	124955	4.715	ug/L	100
54) o-xylene	9.542	106	119519	4.710	ug/L	95
55) Styrene	9.558	104	207289	4.849	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	47304	5.071	ug/L	97
59) Bromoform	9.731	173	34419	4.886	ug/L	98
60) Isopropylbenzene	9.931	105	318058	4.603	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	36188	4.679	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	267667	4.594	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	279034	4.698	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	164454	4.593	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	161813	4.560	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	149121	4.601	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	7525	4.511	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	129168	4.530	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	101975	4.645	ug/L	99
71) Naphthalene	13.500	128	154446	4.738	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	92960	4.814	ug/L	99

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

