

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024183.D
 Acq On : 27 Dec 2021 16:40
 Operator : SY/MD
 Sample : M5233-13MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 05:51:10 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	171852	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	33903	2.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.564	69	39209	3.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.111	63	90260	2.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.915	46	48371	33.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.380%
24) Chloroform-d	4.349	84	91326	3.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.600%#
26) 1,2-Dichloroethane-d4	5.034	65	36125	2.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.800%#
32) Benzene-d6	5.053	84	148865	3.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.200%#
36) 1,2-Dichloropropane-d6	6.069	67	39023	3.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.400%
41) Toluene-d8	7.317	98	145089	3.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.400%#
43) trans-1,3-Dichloroprop...	7.622	79	16104	2.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.800%
46) 2-Hexanone-d5	8.091	63	63892	35.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27620	3.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.600%#
66) 1,2-Dichlorobenzene-d4	11.625	152	56540	3.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	62.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	165868	4.176	ug/L	99
3) Chloromethane	1.236	50	99601	3.318	ug/L	95
5) Vinyl chloride	1.307	62	122476	3.987	ug/L	99
6) Bromomethane	1.519	94	64281	3.280	ug/L	100
8) Chloroethane	1.580	64	6932709	388.150	ug/L	91
9) Trichlorofluoromethane	1.751	101	180621	3.617	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	89317	3.726	ug/L	98
12) 1,1-Dichloroethene	2.117	96	85108	3.607	ug/L #	83
13) Acetone	2.214	43	106734	52.378	ug/L	79
14) Carbon disulfide	2.291	76	315943	4.144	ug/L	99
15) Methyl Acetate	2.436	43	41551	8.212	ug/L #	76
16) Methylene chloride	2.506	84	101723	4.033	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	240975	5.051	ug/L #	67
18) trans-1,2-Dichloroethene	2.757	96	108675	4.337	ug/L	99
19) 1,1-Dichloroethane	3.188	63	247964	5.944	ug/L	97
21) 2-Butanone	3.995	43	130844	48.802	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	111866	4.511	ug/L	99
23) Bromochloromethane	4.249	128	46197	3.898	ug/L	86
25) Chloroform	4.378	83	317194	6.805	ug/L	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024183.D
 Acq On : 27 Dec 2021 16:40
 Operator : SY/MD
 Sample : M5233-13MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 05:51:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	99156m	3.800	ug/L	
29) 1,1,1-Trichloroethane	4.606	97	181003	4.176	ug/L	99
30) Cyclohexane	4.677	56	330382	10.247	ug/L	98
31) Carbon tetrachloride	4.828	117	165257	4.111	ug/L	100
33) Benzene	5.101	78	11487760	127.406	ug/L	100
34) Trichloroethene	5.915	95	116065	4.562	ug/L	97
35) Methylcyclohexane	6.130	83	293199	7.957	ug/L	98
37) 1,2-Dichloropropane	6.172	63	82973	3.991	ug/L #	90
38) Bromodichloromethane	6.509	83	130691	4.387	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	142156	4.717	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	409053	41.166	ug/L	96
42) Toluene	7.387	91	3341446	33.211	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	110615	4.298	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	62862	4.079	ug/L	97
47) Tetrachloroethene	7.976	164	96852	4.278	ug/L	98
48) 2-Hexanone	8.140	43	277760	38.194	ug/L #	87
49) Dibromochloromethane	8.246	129	84196	4.061	ug/L	98
50) 1,2-Dibromoethane	8.352	107	57928	3.955	ug/L	94
51) Chlorobenzene	8.879	112	535466	8.032	ug/L	98
52) Ethylbenzene	9.014	91	6019219	56.268	ug/L	98
53) m,p-xylene	9.140	106	2812189	66.271	ug/L	99
54) o-xylene	9.545	106	1546291	38.056	ug/L	99
55) Styrene	9.558	104	387666	5.663	ug/L #	65
57) 1,1,2,2-Tetrachloroethane	10.242	83	63670	4.263	ug/L	99
59) Bromoform	9.731	173	46232	4.110	ug/L	100
60) Isopropylbenzene	9.931	105	988139	8.955	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	46381	3.756	ug/L #	72
62) 1,3,5-Trimethylbenzene	10.538	105	588267	6.323	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1608665	16.964	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	275649	4.821	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	293545	5.181	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	548993	10.608	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	14244	5.348	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	215399	4.731	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	175013	4.992	ug/L	96
71) Naphthalene	13.500	128	1290526	24.792	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	145754	4.727	ug/L #	93

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

