

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025503.D
 Acq On : 13 Apr 2022 19:30
 Operator : SY/MD
 Sample : N2356-02MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS1MS

Quant Time: Apr 14 03:13:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127232	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	50192	4.243	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.571	69	47735	3.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.114	63	117977	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	3.905	46	78092	54.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.540%
24) Chloroform-d	4.352	84	85309	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.037	65	38084	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.053	84	159430	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.069	67	47580	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.317	98	149134	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.625	79	12648	3.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.088	63	62124	50.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33217	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	50089	4.266	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	67609	5.882	ug/L	97
3) Chloromethane	1.243	50	87422	7.000	ug/L	98
5) Vinyl chloride	1.314	62	101516	7.193	ug/L	99
6) Bromomethane	1.526	94	46912	4.610	ug/L	99
8) Chloroethane	1.587	64	59965	5.505	ug/L	100
9) Trichlorofluoromethane	1.757	101	126954	6.405	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	68270	6.130	ug/L	97
12) 1,1-Dichloroethene	2.121	96	69142	6.265	ug/L	84
13) Acetone	2.198	43	61488	62.960	ug/L	97
14) Carbon disulfide	2.298	76	155228	5.876	ug/L	99
15) Methyl Acetate	2.452	43	7587	3.495	ug/L #	83
16) Methylene chloride	2.513	84	53846	5.033	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	98873	5.790	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	57276	6.194	ug/L	98
19) 1,1-Dichloroethane	3.195	63	99403	6.347	ug/L	96
21) 2-Butanone	3.989	43	93379	69.196	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	137302	14.104	ug/L	94
23) Bromochloromethane	4.256	128	24232	5.995	ug/L	93
25) Chloroform	4.378	83	105422	6.377	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	55306	6.340	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	92447	6.016	ug/L	99
30) Cyclohexane	4.680	56	76850	5.500	ug/L	100
31) Carbon tetrachloride	4.831	117	79275	6.100	ug/L	99
33) Benzene	5.101	78	227481	5.910	ug/L	100
34) Trichloroethene	5.915	95	96350	9.428	ug/L	100
35) Methylcyclohexane	6.133	83	83848	5.142	ug/L	97
37) 1,2-Dichloropropane	6.175	63	51785	5.816	ug/L	99
38) Bromodichloromethane	6.510	83	66231	5.991	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	54871	4.702	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	232181	65.123	ug/L	97
42) Toluene	7.387	91	247572	5.913	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43530	4.802	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	36889	6.187	ug/L	98
47) Tetrachloroethene	7.976	164	46375	5.796	ug/L	98
48) 2-Hexanone	8.140	43	168629	67.869	ug/L	98
49) Dibromochloromethane	8.246	129	37981	5.802	ug/L	99
50) 1,2-Dibromoethane	8.352	107	32130	5.737	ug/L	99
51) Chlorobenzene	8.883	112	155986	5.835	ug/L	99
52) Ethylbenzene	9.011	91	254890	5.708	ug/L	100
53) m,p-Xylene	9.140	106	101325	5.968	ug/L	98
54) o-Xylene	9.542	106	95780	5.808	ug/L	97
55) Styrene	9.561	104	159601	5.952	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	37183	6.241	ug/L	99
59) Bromoform	9.731	173	16449	5.690	ug/L	98
60) Isopropylbenzene	9.931	105	254931	5.881	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	29058	6.300	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	106244	5.496	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	201302	5.780	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	116468	5.756	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	114542	5.576	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	102838	5.739	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5105	6.401	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	81867	5.317	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	61575	5.188	ug/L	99
71) Naphthalene	13.500	128	95015	5.457	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53866	5.481	ug/L	98

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

