

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024869.D
 Acq On : 08 Mar 2022 13:53
 Operator : SY/MD
 Sample : N1811-05MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDA9MS

Quant Time: Mar 09 05:03:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	183171	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68389	4.402	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.568	69	59931	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.111	63	120153	4.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.896	46	133214	60.028	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.060%
24) Chloroform-d	4.349	84	133256	5.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.034	65	57271	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.050	84	268756	5.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	6.069	67	81145	5.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.313	98	235962	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.622	79	27809	5.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.000%
46) 2-Hexanone-d5	8.088	63	107060	56.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47879	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	73752	5.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77138	4.319	ug/L	99
3) Chloromethane	1.240	50	70927	3.976	ug/L	99
5) Vinyl chloride	1.311	62	78202	3.993	ug/L	98
6) Bromomethane	1.523	94	46450	3.970	ug/L	98
8) Chloroethane	1.587	64	48124	3.989	ug/L	99
9) Trichlorofluoromethane	1.754	101	107223	4.170	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	61102	4.092	ug/L	99
12) 1,1-Dichloroethene	2.118	96	60913	4.270	ug/L	93
13) Acetone	2.195	43	71341	45.586	ug/L	93
14) Carbon disulfide	2.294	76	175920	4.394	ug/L	99
15) Methyl Acetate	2.442	43	19107	4.663	ug/L	99
16) Methylene chloride	2.507	84	65878	4.690	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	131362	4.684	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	66831	4.797	ug/L	97
19) 1,1-Dichloroethane	3.191	63	121305	4.755	ug/L	99
21) 2-Butanone	3.982	43	118018	48.800	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	87268	5.926	ug/L	94
23) Bromochloromethane	4.249	128	27541	4.839	ug/L	95
25) Chloroform	4.378	83	124624	4.676	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	62685	4.407	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	107578	4.731	ug/L	96
30) Cyclohexane	4.677	56	101415	4.397	ug/L	95
31) Carbon tetrachloride	4.828	117	91090	4.765	ug/L	100
33) Benzene	5.098	78	270668	4.719	ug/L	100
34) Trichloroethene	5.912	95	875969	57.649	ug/L	97
35) Methylcyclohexane	6.130	83	114007	4.644	ug/L	97
37) 1,2-Dichloropropane	6.172	63	66562	4.911	ug/L	99
38) Bromodichloromethane	6.510	83	81633	4.785	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	91669	4.877	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	295345	45.815	ug/L	96
42) Toluene	7.387	91	285522	4.675	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	71594	4.767	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	42643	4.837	ug/L	98
47) Tetrachloroethene	7.976	164	47815	4.621	ug/L	93
48) 2-Hexanone	8.140	43	205445	45.327	ug/L	95
49) Dibromochloromethane	8.246	129	48878	4.996	ug/L	100
50) 1,2-Dibromoethane	8.352	107	39219	4.875	ug/L	97
51) Chlorobenzene	8.879	112	180862	4.734	ug/L	99
52) Ethylbenzene	9.011	91	309537	4.644	ug/L	99
53) m,p-xylene	9.137	106	120182	4.770	ug/L	98
54) o-xylene	9.542	106	113896	4.626	ug/L	98
55) Styrene	9.558	104	191273	4.776	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42903	4.601	ug/L	100
59) Bromoform	9.731	173	21477	5.303	ug/L	98
60) Isopropylbenzene	9.931	105	311023	4.700	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33594	4.634	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	257557	4.669	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	254321	4.645	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	133580	4.786	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	131330	4.712	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118344	4.807	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6056	4.885	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	91767	4.637	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	73198	4.695	ug/L	98
71) Naphthalene	13.500	128	120294	4.537	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	62945	4.824	ug/L	99

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

