

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041624\
 Data File : VW035249.D
 Acq On : 16 Apr 2024 18:45
 Operator : SY/MD
 Sample : P2032-18MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0MG3MS

Quant Time: Apr 17 02:51:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	188037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	197846	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74532	4.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.532	69	63387	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.060	65	31013	4.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.809	46	155122	52.088	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.180%
24) Chloroform-d	4.249	84	135706	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.944	65	64877	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.960	84	251659	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.989	67	80739	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.243	98	233067	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.558	79	27438	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.027	63	120162	46.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.500%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	64551	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	80490	4.494	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	98451	5.531	ug/L	100
3) Chloromethane	1.214	50	113983	5.490	ug/L	100
5) Vinyl chloride	1.281	62	109798	5.391	ug/L	100
6) Bromomethane	1.487	94	48215	4.131	ug/L	98
8) Chloroethane	1.548	64	67439	5.378	ug/L	95
9) Trichlorofluoromethane	1.712	101	134253	5.533	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	79242	5.319	ug/L	98
12) 1,1-Dichloroethene	2.069	96	75436	5.284	ug/L	86
13) Acetone	2.140	43	122645	61.114	ug/L	72
14) Carbon disulfide	2.240	76	245304	5.448	ug/L	99
15) Methyl Acetate	2.388	43	27995	5.296	ug/L	94
16) Methylene chloride	2.445	84	80518	4.479	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	169634	5.265	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	77647	5.323	ug/L	99
19) 1,1-Dichloroethane	3.111	63	157872	5.381	ug/L	99
21) 2-Butanone	3.892	43	171687	52.268	ug/L #	65
22) cis-1,2-Dichloroethene	3.815	96	81524	5.436	ug/L	97
23) Bromochloromethane	4.149	128	35977	5.304	ug/L	92
25) Chloroform	4.275	83	153450	5.380	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	93504	5.590	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	127317	5.114	ug/L	100
30) Cyclohexane	4.584	56	117448	4.951	ug/L	98
31) Carbon tetrachloride	4.735	117	109118	5.136	ug/L	98
33) Benzene	5.008	78	323728	5.205	ug/L	100
34) Trichloroethene	5.834	95	81307	4.970	ug/L	99
35) Methylcyclohexane	6.050	83	122099	4.955	ug/L	99
37) 1,2-Dichloropropane	6.092	63	86357	5.251	ug/L	99
38) Bromodichloromethane	6.432	83	103347	5.161	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	109083	4.990	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	444673	51.319	ug/L	98
42) Toluene	7.313	91	338889	5.254	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	87476	4.949	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	58229	5.102	ug/L	97
47) Tetrachloroethene	7.905	164	67487	5.200	ug/L	97
48) 2-Hexanone	8.075	43	328519	51.251	ug/L	99
49) Dibromochloromethane	8.175	129	61551	5.222	ug/L	99
50) 1,2-Dibromoethane	8.284	107	56514	5.273	ug/L	95
51) Chlorobenzene	8.812	112	217037	5.199	ug/L	98
52) Ethylbenzene	8.947	91	353780	5.119	ug/L	99
53) m,p-Xylene	9.072	106	132813	5.216	ug/L	99
54) o-Xylene	9.477	106	125041	5.088	ug/L	94
55) Styrene	9.497	104	217906	5.270	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	72236	5.165	ug/L	99
59) Bromoform	9.664	173	29204	4.866	ug/L	100
60) Isopropylbenzene	9.866	105	334396	5.167	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	50878	5.030	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	258610	4.948	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	266056	5.152	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	167204	5.133	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	170166	5.001	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	153235	5.066	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	9785	4.900	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	121727	4.924	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	95591	4.636	ug/L	100
71) Naphthalene	13.439	128	121021	4.084	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	88414	4.830	ug/L	99

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

