

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034379.D
 Acq On : 23 Feb 2024 16:35
 Operator : SY/MD
 Sample : P1511-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 QCND3DL

Quant Time: Feb 24 00:49:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	143671	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	68802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56351	5.064	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.532	69	45845	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.060	65	25249	4.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.799	46	96963	51.887	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	4.249	84	97451	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.944	65	49325	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	4.960	84	186267	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	5.989	67	52466	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.243	98	174976	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.558	79	13338	3.175	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.024	63	76955	51.319	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	34132	5.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	59043	4.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	23799	1.808	ug/L	98
3) Chloromethane	1.217	50	29388	2.046	ug/L	99
5) Vinyl chloride	1.285	62	34793	2.535	ug/L #	74
6) Bromomethane	1.491	94	13568	1.877	ug/L	95
8) Chloroethane	1.548	64	28703	3.066	ug/L #	79
9) Trichlorofluoromethane	1.712	101	47405	2.397	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	25314	2.449	ug/L	98
12) 1,1-Dichloroethene	2.069	96	24021	2.393	ug/L #	53
13) Acetone	2.134	43	35969	25.371	ug/L #	34
14) Carbon disulfide	2.240	76	76590	2.358	ug/L	100
15) Methyl Acetate	2.388	43	8115	2.419	ug/L	97
16) Methylene chloride	2.449	84	24516	2.546	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	76634	3.716	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	73607	7.200	ug/L	97
19) 1,1-Dichloroethane	3.114	63	47436	2.525	ug/L	98
21) 2-Butanone	3.886	43	42785	22.837	ug/L #	49
22) cis-1,2-Dichloroethene	3.815	96	33048	2.849	ug/L	90
23) Bromochloromethane	4.156	128	10454	2.593	ug/L	91
25) Chloroform	4.278	83	46092	2.427	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	27294	2.510	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	42712	2.398	ug/L	99
30) Cyclohexane	4.584	56	35699	2.061	ug/L	94
31) Carbon tetrachloride	4.738	117	36086	2.316	ug/L	99
33) Benzene	5.011	78	96209	2.418	ug/L	100
34) Trichloroethene	5.838	95	24036	2.088	ug/L	97
35) Methylcyclohexane	6.050	83	39332	2.176	ug/L	97
37) 1,2-Dichloropropane	6.095	63	23408	2.429	ug/L #	92
38) Bromodichloromethane	6.436	83	28761	2.274	ug/L	95
39) cis-1,3-Dichloropropene	6.960	75	23351	1.592	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	121651	26.361	ug/L	99
42) Toluene	7.317	91	102276	2.405	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	17461	1.551	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	14928	2.509	ug/L	96
47) Tetrachloroethene	7.905	164	19782	2.114	ug/L	97
48) 2-Hexanone	8.079	43	85249	26.206	ug/L	99
49) Dibromochloromethane	8.178	129	14611	2.066	ug/L	96
50) 1,2-Dibromoethane	8.284	107	13741	2.573	ug/L	97
51) Chlorobenzene	8.815	112	65161	2.424	ug/L	97
52) Ethylbenzene	8.947	91	117614	2.403	ug/L	99
53) m,p-Xylene	9.072	106	42479	2.297	ug/L	98
54) o-Xylene	9.477	106	42198	2.366	ug/L	98
55) Styrene	9.497	104	59730	2.092	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	17084	2.720	ug/L	96
59) Bromoform	9.667	173	5103	1.346	ug/L	96
60) Isopropylbenzene	9.866	105	111267	2.186	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	12274	2.595	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	95623	2.222	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	95880	2.293	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	51447	2.318	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	48738	2.217	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	47052	2.468	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2462	2.484	ug/L	91
69) 1,3,5-Trichlorobenzene	12.583	180	37786	2.200	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	30655	2.286	ug/L	99
71) Naphthalene	13.442	128	41245	2.347	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	25791	2.400	ug/L	98

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

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