

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012924\
 Data File : VW033901.D
 Acq On : 29 Jan 2024 13:01
 Operator : SY/MD
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jan 30 03:56:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	97460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	90772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33266	4.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.536	69	31939	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.060	65	16006	4.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	3.825	46	58930	46.487	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.980%
24) Chloroform-d	4.252	84	65889	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	32811	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.963	84	130759	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.989	67	37581	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.243	98	117828	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	13372	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.027	63	52573	51.233	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.460%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23224	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	41950	5.100	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	1911	0.214	ug/L	97
3) Chloromethane	1.217	50	2689	0.276	ug/L	90
5) Vinyl chloride	1.285	62	2044	0.220	ug/L #	1
6) Bromomethane	1.491	94	958	0.195	ug/L	93
8) Chloroethane	1.548	64	2008m	0.316	ug/L	
9) Trichlorofluoromethane	1.716	101	3010	0.224	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1917	0.273	ug/L #	84
12) 1,1-Dichloroethene	2.069	96	1944	0.286	ug/L #	1
13) Acetone	2.159	43	2904m	3.020	ug/L	
14) Carbon disulfide	2.243	76	4596	0.209	ug/L	99
15) Methyl Acetate	2.394	43	624m	0.274	ug/L	
16) Methylene chloride	2.449	84	2115	0.324	ug/L	85
17) Methyl tert-butyl Ether	2.712	73	3017	0.216	ug/L	95
18) trans-1,2-Dichloroethene	2.703	96	1404	0.202	ug/L	79
19) 1,1-Dichloroethane	3.117	63	2793	0.219	ug/L #	89
21) 2-Butanone	3.947	43	3670m	2.888	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	1498	0.190	ug/L	82
23) Bromochloromethane	4.162	128	407m	0.149	ug/L	
27) 1,2-Dichloroethane	5.066	62	1725m	0.234	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
29) 1,1,1-Trichloroethane	4.516	97	2640	0.217	ug/L	#	88
30) Cyclohexane	4.580	56	2580	0.218	ug/L		94
31) Carbon tetrachloride	4.738	117	2377	0.223	ug/L		98
33) Benzene	5.015	78	6164	0.226	ug/L		100
34) Trichloroethene	5.844	95	1722	0.219	ug/L		93
35) Methylcyclohexane	6.047	83	2990	0.242	ug/L		92
37) 1,2-Dichloropropane	6.104	63	1631	0.247	ug/L	#	87
38) Bromodichloromethane	6.445	83	1668	0.193	ug/L	#	85
39) cis-1,3-Dichloropropene	6.973	75	2093m	0.209	ug/L		
40) 4-Methyl-2-pentanone	7.172	43	7506m	2.377	ug/L		
42) Toluene	7.326	91	6863	0.236	ug/L		88
44) trans-1,3-Dichloropropene	7.584	75	1428m	0.185	ug/L		
45) 1,1,2-Trichloroethane	7.783	97	669	0.164	ug/L	#	79
47) Tetrachloroethene	7.905	164	1289	0.201	ug/L		90
48) 2-Hexanone	8.092	43	10929	4.910	ug/L	#	88
49) Dibromochloromethane	8.188	129	970	0.200	ug/L		100
50) 1,2-Dibromoethane	8.294	107	888	0.243	ug/L	#	95
51) Chlorobenzene	8.818	112	4154	0.226	ug/L	#	84
52) Ethylbenzene	8.953	91	6918	0.207	ug/L		97
53) m,p-Xylene	9.082	106	2647	0.209	ug/L		94
54) o-Xylene	9.484	106	2601	0.213	ug/L		95
55) Styrene	9.513	104	4062	0.208	ug/L		91
57) 1,1,2,2-Tetrachloroethane	10.182	83	1000	0.233	ug/L	#	96
59) Bromoform	9.673	173	432	0.173	ug/L	#	91
60) Isopropylbenzene	9.870	105	7204	0.215	ug/L		96
61) 1,2,3-Trichloropropane	10.217	75	699	0.225	ug/L	#	85
62) 1,3,5-Trimethylbenzene	10.481	105	6062	0.214	ug/L		99
63) 1,2,4-Trimethylbenzene	10.857	105	5826	0.212	ug/L		98
64) 1,3-Dichlorobenzene	11.127	146	3365	0.231	ug/L		96
65) 1,4-Dichlorobenzene	11.210	146	3619	0.250	ug/L		93
67) 1,2-Dichlorobenzene	11.583	146	2833	0.226	ug/L		92
69) 1,3,5-Trichlorobenzene	12.590	180	2451	0.217	ug/L		96
70) 1,2,4-trichlorobenzene	13.204	180	2137	0.242	ug/L		87
71) Naphthalene	13.451	128	3017	0.261	ug/L	#	90
72) 1,2,3-Trichlorobenzene	13.686	180	1782	0.252	ug/L		94

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

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