

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035196.D
 Acq On : 15 Apr 2024 13:06
 Operator : SY/MD
 Sample : VSTD00554
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005254

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 15 23:59:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	216813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	212904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	105625	7.382	ug/L	0.00
7) Chloroethane-d5	1.536	69	81192	6.697	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	43545	6.788	ug/L	0.00
20) 2-Butanone-d5	3.812	46	178273m	53.960	ug/L	0.00
24) Chloroform-d	4.249	84	167240	6.231	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	80417	6.004	ug/L	0.00
32) Benzene-d6	4.960	84	325566	6.370	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	98215	6.410	ug/L	0.00
41) Toluene-d8	7.243	98	302969	6.536	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	35923	6.361	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	152408	51.539	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	77482	6.416	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	101534	5.765	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	105606	6.945	ug/L	100
3) Chloromethane	1.217	50	117611	6.614	ug/L	100
5) Vinyl chloride	1.285	62	118063	6.716	ug/L	100
6) Bromomethane	1.491	94	66129	6.662	ug/L	100
8) Chloroethane	1.552	64	73011	6.006	ug/L	100
9) Trichlorofluoromethane	1.716	101	143762	5.377	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87197	5.877	ug/L	100
12) 1,1-Dichloroethene	2.069	96	82370	5.804	ug/L	100
13) Acetone	2.137	43	100342m	31.670	ug/L	
14) Carbon disulfide	2.243	76	264906	6.655	ug/L	100
15) Methyl Acetate	2.388	43	27463	4.849	ug/L	100
16) Methylene chloride	2.449	84	97432	5.927	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	186485	5.261	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	85987	5.945	ug/L	100
19) 1,1-Dichloroethane	3.111	63	174352	6.191	ug/L	100
21) 2-Butanone	3.896	43	169637m	47.110	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	87077	5.567	ug/L	100
23) Bromochloromethane	4.153	128	39812	6.064	ug/L	100
25) Chloroform	4.275	83	167089	5.807	ug/L	100
27) 1,2-Dichloroethane	5.043	62	98569	5.698	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	139634	5.188	ug/L	100
30) Cyclohexane	4.584	56	134949	5.691	ug/L	100
31) Carbon tetrachloride	4.735	117	117745	5.072	ug/L	100
33) Benzene	5.011	78	353983	5.787	ug/L	100
34) Trichloroethene	5.834	95	93319	5.849	ug/L	100
35) Methylcyclohexane	6.050	83	141517	5.654	ug/L	100
37) 1,2-Dichloropropane	6.092	63	94639	6.169	ug/L	100
38) Bromodichloromethane	6.432	83	115126	5.616	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	126885	6.037	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	516475	56.668	ug/L	100
42) Toluene	7.313	91	379977	5.906	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	103788	6.042	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	65805	6.320	ug/L	100
47) Tetrachloroethene	7.905	164	72742	5.824	ug/L	100
48) 2-Hexanone	8.075	43	382020	58.075	ug/L	100
49) Dibromochloromethane	8.175	129	65360	5.548	ug/L	100
50) 1,2-Dibromoethane	8.281	107	60462	6.215	ug/L	100
51) Chlorobenzene	8.812	112	233139	5.643	ug/L	100
52) Ethylbenzene	8.944	91	396432	5.565	ug/L	100
53) m,p-Xylene	9.072	106	147444	5.567	ug/L	100
54) o-Xylene	9.477	106	141013	5.385	ug/L	100
55) Styrene	9.493	104	251025	5.859	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	79859	6.328	ug/L	100
59) Bromoform	9.664	173	33221	5.678	ug/L	100
60) Isopropylbenzene	9.866	105	381920	5.586	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	56900	6.274	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	303451	5.184	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	308545	5.244	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	187305	5.615	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	188514	5.668	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	173201	5.543	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	11412	5.241	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	141495	5.515	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	111827	5.129	ug/L	100
71) Naphthalene	13.439	128	153468	4.321	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	102789	5.224	ug/L	100

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

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