

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091124\
 Data File : VW037252.D
 Acq On : 11 Sep 2024 12:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/12/2024
 Supervised By : Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 01:57:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 12 01:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	342216	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	347877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	178762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84349	4.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.529	69	93194	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.053	65	43482	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.838	46	286350	47.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.440%
24) Chloroform-d	4.240	84	223795	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.937	65	106989	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.953	84	419980	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.982	67	130258	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.236	98	373182	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.551	79	42332	4.437	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.024	63	217976	46.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.520%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	107120	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	138287	4.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	152580	4.800	ug/L	99
3) Chloromethane	1.214	50	160987	4.746	ug/L	100
5) Vinyl chloride	1.278	62	159441	4.783	ug/L	99
6) Bromomethane	1.484	94	95099	4.755	ug/L	100
8) Chloroethane	1.545	64	97688	4.873	ug/L	98
9) Trichlorofluoromethane	1.709	101	201284	4.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	119543	4.760	ug/L	99
12) 1,1-Dichloroethene	2.063	96	115837	4.830	ug/L	95
13) Acetone	2.179	43	188052m	45.013	ug/L	
14) Carbon disulfide	2.233	76	346828	4.587	ug/L	100
15) Methyl Acetate	2.394	43	48948	5.115	ug/L #	87
16) Methylene chloride	2.439	84	137409	4.984	ug/L	96
17) Methyl tert-butyl Ether	2.699	73	278653	4.888	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	121139	4.801	ug/L	96
19) 1,1-Dichloroethane	3.105	63	231922	4.814	ug/L	99
21) 2-Butanone	3.915	43	285644	44.986	ug/L #	66
22) cis-1,2-Dichloroethene	3.805	96	130164	4.772	ug/L	98
23) Bromochloromethane	4.143	128	57036	4.828	ug/L	98
25) Chloroform	4.265	83	231065	4.761	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	134517	4.898	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	194179	4.707	ug/L	97
30) Cyclohexane	4.571	56	187364	4.682	ug/L	99
31) Carbon tetrachloride	4.725	117	163518	4.657	ug/L	98
33) Benzene	5.002	78	499844	4.769	ug/L	100
34) Trichloroethene	5.828	95	132260	4.683	ug/L	98
35) Methylcyclohexane	6.040	83	198443	4.622	ug/L	99
37) 1,2-Dichloropropane	6.085	63	128840	4.831	ug/L	100
38) Bromodichloromethane	6.426	83	159003	4.763	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	183659	4.755	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	747346	48.950	ug/L	98
42) Toluene	7.310	91	531349	4.873	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	147080	4.718	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	92382	4.840	ug/L	97
47) Tetrachloroethene	7.899	164	96213	4.759	ug/L	98
48) 2-Hexanone	8.075	43	525706	47.110	ug/L	99
49) Dibromochloromethane	8.172	129	95009	4.751	ug/L	98
50) 1,2-Dibromoethane	8.278	107	89754	4.977	ug/L	95
51) Chlorobenzene	8.808	112	342097	4.712	ug/L	99
52) Ethylbenzene	8.940	91	584552	4.804	ug/L	100
53) m,p-Xylene	9.066	106	218514	4.881	ug/L	99
54) o-Xylene	9.471	106	211727	4.777	ug/L	99
55) Styrene	9.490	104	368873	4.909	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	109632	4.755	ug/L	98
59) Bromoform	9.661	173	46436	4.440	ug/L	99
60) Isopropylbenzene	9.860	105	576007	4.814	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	75920	4.667	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	459113	4.839	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	461287	4.840	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	267546	4.730	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	269813	4.651	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	245246	4.677	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14937	4.428	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	185132	4.590	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	151445	4.561	ug/L	99
71) Naphthalene	13.439	128	219417	4.324	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	129732	4.722	ug/L	98

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

