

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026434.D
 Acq On : 18 Jun 2022 20:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

Quant Time: Jun 20 01:32:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	289416	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	258468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	128929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	96639	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.584	69	79536	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.124	63	179131	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.934	46	112696	45.945	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.880%
24) Chloroform-d	4.362	84	180274	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.043	65	67865	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.059	84	369847	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.075	67	101145	5.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.316	98	355715	5.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	7.625	79	28332	4.332	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.091	63	100161	50.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61813	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	101305	5.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	94832	4.382	ug/L	99
3) Chloromethane	1.259	50	92791	3.862	ug/L	96
5) Vinyl chloride	1.326	62	103290	4.134	ug/L #	74
6) Bromomethane	1.539	94	53298	3.817	ug/L	99
8) Chloroethane	1.603	64	71476m	4.609	ug/L	
9) Trichlorofluoromethane	1.770	101	149822	4.345	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	90210	4.511	ug/L	98
12) 1,1-Dichloroethene	2.133	96	82047	4.487	ug/L	97
13) Acetone	2.223	43	71136	37.422	ug/L	96
14) Carbon disulfide	2.310	76	224606	4.982	ug/L	99
15) Methyl Acetate	2.465	43	18204	3.991	ug/L #	88
16) Methylene chloride	2.522	84	84546	3.624	ug/L	98
17) Methyl tert-butyl Ether	2.789	73	156606	4.981	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	84291	4.753	ug/L	99
19) 1,1-Dichloroethane	3.204	63	163943	4.848	ug/L	99
21) 2-Butanone	4.011	43	112346	45.676	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	90813	5.062	ug/L	99
23) Bromochloromethane	4.262	128	35336	4.641	ug/L	94
25) Chloroform	4.387	83	169524	4.621	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	74924	4.487	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	151100	5.291	ug/L	99
30) Cyclohexane	4.686	56	108860	5.096	ug/L	99
31) Carbon tetrachloride	4.838	117	121881	5.039	ug/L	99
33) Benzene	5.108	78	357027	5.388	ug/L	100
34) Trichloroethene	5.921	95	91838	5.076	ug/L	97
35) Methylcyclohexane	6.136	83	124189	4.963	ug/L	99
37) 1,2-Dichloropropane	6.178	63	84567	4.879	ug/L	98
38) Bromodichloromethane	6.513	83	105689	5.028	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	96983	4.903	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	322818	50.656	ug/L	97
42) Toluene	7.390	91	394646	5.662	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	72496	4.589	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	55385	4.868	ug/L	99
47) Tetrachloroethene	7.976	164	69696	5.201	ug/L	99
48) 2-Hexanone	8.143	43	219972	48.178	ug/L	98
49) Dibromochloromethane	8.246	129	61199	4.858	ug/L	96
50) 1,2-Dibromoethane	8.355	107	46206	4.767	ug/L	95
51) Chlorobenzene	8.882	112	242607	5.331	ug/L	98
52) Ethylbenzene	9.011	91	399661	5.720	ug/L	99
53) m,p-Xylene	9.136	106	158892	5.834	ug/L	100
54) o-Xylene	9.541	106	149089	5.651	ug/L	98
55) Styrene	9.561	104	247789	5.593	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	61409	5.322	ug/L	95
59) Bromoform	9.731	173	25160	4.445	ug/L	99
60) Isopropylbenzene	9.931	105	398491	5.798	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	39890	4.768	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	316455	5.802	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	323105	5.985	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	184989	5.477	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	181806	5.297	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	154560	5.167	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7329	4.945	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	127776	5.232	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	94829	5.265	ug/L	99
71) Naphthalene	13.500	128	137763	5.509	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	79115	5.247	ug/L	97

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

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