

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081722\
 Data File : VW027418.D
 Acq On : 17 Aug 2022 12:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Quant Time: Aug 18 01:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 18 01:40:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022
 Supervised By :Semsettin Yesilyurt 08/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	150022	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37354	2.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.568	69	35639	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.108	63	96730	4.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.886	46	92191	41.765	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.520%
24) Chloroform-d	4.342	84	106873	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.030	65	54675	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.047	84	194486	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.066	67	63163	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.313	98	173891	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.622	79	22600	4.877	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.088	63	101708	56.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50257	5.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	64400	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87671	4.918	ug/L	96
3) Chloromethane	1.240	50	72415	4.061	ug/L	99
5) Vinyl chloride	1.310	62	75567	4.543	ug/L	97
6) Bromomethane	1.519	94	31167	4.013	ug/L	97
8) Chloroethane	1.584	64	47323	5.117	ug/L	98
9) Trichlorofluoromethane	1.751	101	122220	5.503	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	70074	6.719	ug/L	94
12) 1,1-Dichloroethene	2.117	96	60337m	5.585	ug/L	
13) Acetone	2.172	43	78054m	47.850	ug/L	
14) Carbon disulfide	2.291	76	167337	3.868	ug/L	100
15) Methyl Acetate	2.433	43	20326	5.118	ug/L	# 86
16) Methylene chloride	2.503	84	72864	4.200	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	116649	4.626	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	60959	4.588	ug/L	99
19) 1,1-Dichloroethane	3.185	63	123417	4.851	ug/L	99
21) 2-Butanone	3.973	43	83398	37.548	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	62289	4.767	ug/L	99
23) Bromochloromethane	4.243	128	28639	4.689	ug/L	97
25) Chloroform	4.368	83	141298	5.406	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	71340	4.775	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	119763	5.802	ug/L	98
30) Cyclohexane	4.674	56	89808	5.371	ug/L	98
31) Carbon tetrachloride	4.825	117	105582	5.878	ug/L	99
33) Benzene	5.095	78	273651	5.459	ug/L	100
34) Trichloroethene	5.911	95	66914	5.363	ug/L	98
35) Methylcyclohexane	6.127	83	97127	5.654	ug/L	99
37) 1,2-Dichloropropane	6.169	63	70037	5.652	ug/L	99
38) Bromodichloromethane	6.506	83	90589	5.673	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	83981	5.545	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	325507	50.904	ug/L	99
42) Toluene	7.384	91	288516	5.769	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	72780	5.493	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	45440	5.144	ug/L	99
47) Tetrachloroethene	7.972	164	55884	5.703	ug/L	98
48) 2-Hexanone	8.140	43	246011	53.613	ug/L	99
49) Dibromochloromethane	8.243	129	56333	5.448	ug/L	99
50) 1,2-Dibromoethane	8.352	107	42211	5.375	ug/L	98
51) Chlorobenzene	8.879	112	177858	5.460	ug/L	98
52) Ethylbenzene	9.011	91	277997	5.532	ug/L	99
53) m,p-Xylene	9.136	106	111022	5.793	ug/L	99
54) o-Xylene	9.542	106	101985	5.440	ug/L	99
55) Styrene	9.558	104	187114	5.805	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	51292	5.209	ug/L	96
59) Bromoform	9.731	173	28337	5.128	ug/L	98
60) Isopropylbenzene	9.931	105	281296	5.450	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37137	4.706	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	72891	5.110	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	208221	5.092	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	141390	5.482	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	137168	5.286	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	126275	5.258	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8046	4.880	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	97706	5.254	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	66976	4.819	ug/L	99
71) Naphthalene	13.500	128	87516	4.075	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60565	4.675	ug/L	97

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

