

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081722\
 Data File : VV027414.D
 Acq On : 17 Aug 2022 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005375

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 01:36:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	126944	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	37740	3.422	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.400%	
7) Chloroethane-d5	1.561	69	32703	4.083	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.600%	
11) 1,1-Dichloroethene-d2	2.101	63	95355	4.767	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	3.883	46	93535	50.077	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.160%	
24) Chloroform-d	4.339	84	101544	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.024	65	50740	5.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.040	84	175197	4.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.063	67	58182	4.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.310	98	167573	4.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.619	79	21822	5.079	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5	8.085	63	95837	57.634	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.260%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48586	5.414	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61863	4.789	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	82137	5.445	ug/L	99
3) Chloromethane	1.233	50	64791	4.294	ug/L	99
5) Vinyl chloride	1.304	62	66446	4.721	ug/L	100
6) Bromomethane	1.513	94	27213	4.141	ug/L	99
8) Chloroethane	1.577	64	39637	5.065	ug/L	99
9) Trichlorofluoromethane	1.744	101	104350	5.553	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	61554	6.975	ug/L	94
12) 1,1-Dichloroethene	2.108	96	54497	5.961	ug/L	92
13) Acetone	2.169	43	78292m	56.722	ug/L	
14) Carbon disulfide	2.285	76	158749	4.337	ug/L	98
15) Methyl Acetate	2.429	43	16817	5.004	ug/L	97
16) Methylene chloride	2.497	84	67514	4.599	ug/L	99
17) Methyl tert-butyl Ether	2.760	73	105266	4.933	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	56288	5.006	ug/L	98
19) 1,1-Dichloroethane	3.178	63	115269	5.355	ug/L	99
21) 2-Butanone	3.966	43	84143	44.771	ug/L	92
22) cis-1,2-Dichloroethene	3.899	96	55914	5.057	ug/L	99
23) Bromochloromethane	4.240	128	27041	5.232	ug/L	96
25) Chloroform	4.362	83	125499	5.674	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	62931	4.978	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	103620	5.414	ug/L	98
30) Cyclohexane	4.667	56	78899	5.088	ug/L	100
31) Carbon tetrachloride	4.818	117	94639	5.682	ug/L	99
33) Benzene	5.092	78	236252	5.082	ug/L	100
34) Trichloroethene	5.908	95	59228	5.119	ug/L	97
35) Methylcyclohexane	6.124	83	88166	5.535	ug/L	99
37) 1,2-Dichloropropane	6.165	63	63921	5.563	ug/L	98
38) Bromodichloromethane	6.503	83	82004	5.538	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	74679	5.317	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	298080	50.270	ug/L	99
42) Toluene	7.381	91	265434	5.723	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	66428	5.406	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	42725	5.216	ug/L	98
47) Tetrachloroethene	7.969	164	50329	5.539	ug/L	97
48) 2-Hexanone	8.136	43	220794	51.890	ug/L	100
49) Dibromochloromethane	8.239	129	52750	5.501	ug/L	96
50) 1,2-Dibromoethane	8.349	107	38038	5.223	ug/L	99
51) Chlorobenzene	8.879	112	161118	5.333	ug/L	99
52) Ethylbenzene	9.008	91	254756	5.467	ug/L	100
53) m,p-Xylene	9.136	106	99401	5.593	ug/L	97
54) o-Xylene	9.542	106	93197	5.361	ug/L	96
55) Styrene	9.558	104	171931	5.752	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	48733	5.337	ug/L	98
59) Bromoform	9.728	173	26226	5.196	ug/L	98
60) Isopropylbenzene	9.927	105	259067	5.496	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34630	4.804	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	67241	5.161	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	188921	5.058	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	130494	5.539	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	126057	5.318	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	118522	5.403	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6907	4.587	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	89881	5.291	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	63234	4.981	ug/L	98
71) Naphthalene	13.500	128	80519	4.105	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57814	4.886	ug/L	98

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

