

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023836.D
 Acq On : 19 Aug 2021 11:41
 Operator : JC/MD
 Sample : VIBLK600
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK600

Quant Time: Aug 20 06:32:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:43:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	108900	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	100510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	48211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	23868	5.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.200%
7) Chloroethane-d5	1.672	69	30827	5.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.200%
11) 1,1-Dichloroethene-d2	2.306	63	52943	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.471	46	94784	54.934	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.860%
24) Chloroform-d	5.068	84	80910	5.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.964	65	43103	5.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.982	84	165281	5.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.400%
36) 1,2-Dichloropropane-d6	7.318	67	50471	5.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.800%
41) Toluene-d8	8.653	98	150377	5.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	8.951	79	13252	5.463	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.200%
46) 2-Hexanone-d5	9.390	63	75002	56.068	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.140%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	32790	5.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	54438	6.013	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.200%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	865	0.099	ug/L	85
5) Vinyl chloride	1.374	62	934	0.104	ug/L #	42
6) Bromomethane	1.617	94	1283	0.228	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	1450	0.191	ug/L #	62
12) 1,1-Dichloroethene	2.319	96	1259	0.175	ug/L #	1
14) Carbon disulfide	2.514	76	4213	0.218	ug/L	98
15) Methyl Acetate	2.703	43	343	0.120	ug/L #	85
16) Methylene chloride	2.794	84	4214	0.442	ug/L	93
18) trans-1,2-Dichloroethene	3.099	96	1008	0.135	ug/L	95
22) cis-1,2-Dichloroethene	4.507	96	947	0.119	ug/L	69
25) Chloroform	5.099	83	2703	0.189	ug/L	83
29) 1,1,1-Trichloroethane	5.403	97	820	0.068	ug/L	92
30) Cyclohexane	5.476	56	1279	0.105	ug/L #	52
33) Benzene	6.050	78	2651	0.089	ug/L	100
34) Trichloroethene	7.129	95	1150	0.140	ug/L #	73
35) Methylcyclohexane	7.385	83	1066	0.084	ug/L #	83
38) Bromodichloromethane	7.824	83	733	0.084	ug/L #	77
39) cis-1,3-Dichloropropene	8.366	75	852	0.084	ug/L	98
40) 4-Methyl-2-pentanone	8.586	43	2783	0.643	ug/L #	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.726	91	5209	0.161	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	864	0.103	ug/L #	81
45) 1,1,2-Trichloroethane	9.159	97	419	0.082	ug/L	94
47) Tetrachloroethene	9.281	164	944	0.143	ug/L	83
50) 1,2-Dibromoethane	9.616	107	540	0.114	ug/L #	56
51) Chlorobenzene	10.079	112	2557	0.122	ug/L	89
52) Ethylbenzene	10.201	91	3528	0.102	ug/L	95
53) m,p-xylene	10.311	106	1519	0.110	ug/L	87
54) o-xylene	10.646	106	1169	0.089	ug/L	95
55) Styrene	10.658	104	2114	0.096	ug/L	90
57) 1,1,2,2-Tetrachloroethane	11.213	83	719	0.125	ug/L #	71
59) Bromoform	10.799	173	174	0.069	ug/L #	72
60) Isopropylbenzene	10.963	105	3390	0.105	ug/L	95
61) 1,2,3-Trichloropropane	11.238	75	272	0.069	ug/L #	14
62) 1,3,5-Trimethylbenzene	11.451	105	3213	0.121	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	3403	0.126	ug/L	88
64) 1,3-Dichlorobenzene	11.975	146	2640	0.174	ug/L	92
65) 1,4-Dichlorobenzene	12.048	146	2897	0.190	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	2296	0.165	ug/L #	80
70) 1,2,4-trichlorobenzene	13.591	180	2460	0.272	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	2017	0.243	ug/L	93

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

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