

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028172.D
 Acq On : 28 Sep 2022 20:28
 Operator : SY/MD
 Sample : N4730-06MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFR8MSD

Quant Time: Sep 29 01:32:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	171397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	172621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	95052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	50992	2.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.564	69	49371	3.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.105	63	94085	3.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	3.886	46	164807	54.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.880%
24) Chloroform-d	4.346	84	127908	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.030	65	60460	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.047	84	224868	3.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.069	67	73160	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.313	98	197945	3.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.622	79	25102	3.938	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.088	63	142455	53.549	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62774	5.205	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	84154	4.514	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	55603	4.344	ug/L	91
3) Chloromethane	1.236	50	49553	2.923	ug/L	99
5) Vinyl chloride	1.307	62	58332	4.389	ug/L	99
6) Bromomethane	1.516	94	23509	2.716	ug/L	99
8) Chloroethane	1.580	64	54912	6.161	ug/L	88
9) Trichlorofluoromethane	1.748	101	98896	4.686	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	55909	4.597	ug/L	97
12) 1,1-Dichloroethene	2.114	96	50266	4.244	ug/L	75
13) Acetone	2.179	43	85414	36.965	ug/L	97
14) Carbon disulfide	2.288	76	103573	4.557	ug/L	100
15) Methyl Acetate	2.436	43	18341	4.089	ug/L #	88
16) Methylene chloride	2.503	84	61499	4.651	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	129172	5.069	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	52232	5.037	ug/L	95
19) 1,1-Dichloroethane	3.185	63	110353	4.879	ug/L	98
21) 2-Butanone	3.973	43	126052	44.063	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	63498	4.667	ug/L	93
23) Bromochloromethane	4.246	128	28689	5.266	ug/L	85
25) Chloroform	4.371	83	121491	5.005	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	189526	14.644	ug/L #	93
29) 1,1,1-Trichloroethane	4.606	97	103048	4.858	ug/L	98
30) Cyclohexane	4.674	56	66318	4.323	ug/L	93
31) Carbon tetrachloride	4.825	117	85698	4.910	ug/L	98
33) Benzene	5.098	78	236736	4.939	ug/L	100
34) Trichloroethene	5.911	95	57438	4.814	ug/L	90
35) Methylcyclohexane	6.127	83	74374	4.545	ug/L	96
37) 1,2-Dichloropropane	6.172	63	60930	4.534	ug/L	100
38) Bromodichloromethane	6.506	83	83446	5.030	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	79149	4.742	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	321918	49.331	ug/L	97
42) Toluene	7.384	91	256019	5.120	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	67765	4.720	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	45518	5.053	ug/L	98
47) Tetrachloroethene	7.972	164	48687	5.112	ug/L	98
48) 2-Hexanone	8.136	43	236542	47.748	ug/L	97
49) Dibromochloromethane	8.243	129	53913	4.978	ug/L	98
50) 1,2-Dibromoethane	8.352	107	40474	5.170	ug/L	93
51) Chlorobenzene	8.879	112	173386	5.170	ug/L	100
52) Ethylbenzene	9.011	91	263102	4.974	ug/L	98
53) m,p-Xylene	9.136	106	103153	5.088	ug/L	99
54) o-Xylene	9.542	106	104317	5.211	ug/L	95
55) Styrene	9.558	104	183701	5.296	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	54066	5.151	ug/L	97
59) Bromoform	9.728	173	30646	5.078	ug/L	96
60) Isopropylbenzene	9.927	105	278144	4.985	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38452	4.823	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	73707	4.690	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	213063	4.850	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	146348	5.271	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	146146	5.261	ug/L	96
67) 1,2-Dichlorobenzene	11.638	146	137919	5.259	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8319	4.761	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	114788	5.224	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	92067	5.239	ug/L	100
71) Naphthalene	13.500	128	140262	4.874	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	85604	5.385	ug/L	97

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

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