

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028356.D
 Acq On : 05 Oct 2022 03:49
 Operator : SY/MD
 Sample : N4872-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFW7MSD

Quant Time: Oct 05 04:19:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	229855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	230026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	134499	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59993	3.474	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.561	69	56358	3.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.105	63	124610	3.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.899	46	171943	58.841	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.680%
24) Chloroform-d	4.342	84	174715	5.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
26) 1,2-Dichloroethane-d4	5.027	65	63062	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.043	84	270760	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.063	67	82793	4.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.310	98	250684	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.622	79	29364	4.259	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.085	63	146652	51.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.940%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	65366	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	98194	4.242	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	81225	4.393	ug/L	93
3) Chloromethane	1.236	50	79757	4.552	ug/L	97
5) Vinyl chloride	1.304	62	90618	4.593	ug/L	94
6) Bromomethane	1.516	94	34663	3.699	ug/L	97
8) Chloroethane	1.580	64	65709	4.997	ug/L	91
9) Trichlorofluoromethane	1.748	101	127688	4.307	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	70918	4.277	ug/L	97
12) 1,1-Dichloroethene	2.111	96	73707	4.470	ug/L	75
13) Acetone	2.195	43	104544	54.483	ug/L	96
14) Carbon disulfide	2.288	76	226677	4.413	ug/L	99
15) Methyl Acetate	2.439	43	22618	4.331	ug/L	# 85
16) Methylene chloride	2.500	84	82632	4.452	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	157866	4.663	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	79649	4.638	ug/L	95
19) 1,1-Dichloroethane	3.182	63	144788	4.950	ug/L	98
21) 2-Butanone	3.985	43	179357	61.572	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	90082	5.209	ug/L	92
23) Bromochloromethane	4.243	128	37052	4.837	ug/L	# 86
25) Chloroform	4.365	83	1066927	33.263	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	80893	4.707	ug/L #	94
29) 1,1,1-Trichloroethane	4.600	97	130043	4.583	ug/L	98
30) Cyclohexane	4.670	56	110848	4.534	ug/L	91
31) Carbon tetrachloride	4.818	117	1720896	67.610	ug/L	100
33) Benzene	5.092	78	326151	4.763	ug/L	100
34) Trichloroethene	5.908	95	88056	5.136	ug/L	91
35) Methylcyclohexane	6.127	83	121463	4.339	ug/L	95
37) 1,2-Dichloropropane	6.169	63	78085	4.924	ug/L	98
38) Bromodichloromethane	6.503	83	101026	4.619	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	102423	4.524	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	386765	53.081	ug/L	95
42) Toluene	7.384	91	348971	4.843	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	85494	4.446	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	55590	4.726	ug/L	99
47) Tetrachloroethene	7.969	164	77119	5.147	ug/L	97
48) 2-Hexanone	8.136	43	281515	55.164	ug/L	94
49) Dibromochloromethane	8.239	129	68096	4.574	ug/L	95
50) 1,2-Dibromoethane	8.349	107	51953	4.908	ug/L	97
51) Chlorobenzene	8.876	112	458016	9.558	ug/L	99
52) Ethylbenzene	9.008	91	358305	4.732	ug/L	99
53) m,p-Xylene	9.136	106	140784	4.664	ug/L	97
54) o-Xylene	9.538	106	132868	4.654	ug/L	97
55) Styrene	9.558	104	236705	4.824	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	66625	4.992	ug/L	95
59) Bromoform	9.728	173	37857	4.274	ug/L	100
60) Isopropylbenzene	9.927	105	349677	4.249	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	45559	4.390	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	96186	4.113	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	275426	4.155	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	1601050	39.600	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	3957839	97.765	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	3809271	103.884	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.422	75	11096	4.694	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	137688	4.306	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	221179	9.076	ug/L	99
71) Naphthalene	13.496	128	168673	4.431	ug/L	100
72) 1,2,3-Trichlorobenzene	13.737	180	152708	6.951	ug/L	98

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

