

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028974.D
 Acq On : 15 Nov 2022 06:15
 Operator : SY/MD
 Sample : N5604-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 07:30:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.635	114	214651	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.879	117	260196	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.249	152	137936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	55100	4.211	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.555	69	55769	4.848	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.101	63	118466	4.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.072	46	79298	36.200	ug/L	0.18
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.400%
24) Chloroform-d	4.413	84	135263	5.035	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.085	65	55782	4.615	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.088	84	232358	2.992	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.800%#
36) 1,2-Dichloropropane-d6	6.063	67	52530	2.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	48.400%#
41) Toluene-d8	7.378	98	303614	4.343	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.680	79	23280	3.291	ug/L	0.06
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.153	63	125758	41.653	ug/L	0.07
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.300%
56) 1,1,2,2-Tetrachloroeth...	10.227	84	70856	4.712	ug/L	0.02
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	110804	4.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	124019	6.931	ug/L	99
3) Chloromethane	1.230	50	85087	5.729	ug/L	97
5) Vinyl chloride	1.298	62	162682	9.604	ug/L	98
6) Bromomethane	1.513	94	61914	6.115	ug/L	96
8) Chloroethane	1.574	64	61159	6.144	ug/L	97
9) Trichlorofluoromethane	1.741	101	151877	6.650	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	81408	6.295	ug/L	97
12) 1,1-Dichloroethene	2.111	96	84535	6.506	ug/L	90
13) Acetone	2.298	43	69735m	49.488	ug/L	
14) Carbon disulfide	2.301	76	319556	6.925	ug/L	99
15) Methyl Acetate	2.513	43	47445	13.874	ug/L	96
16) Methylene chloride	2.552	84	91202	5.428	ug/L	95
17) Methyl tert-butyl Ether	2.870	73	547908	19.667	ug/L	97
18) trans-1,2-Dichloroethene	2.838	96	112654	7.475	ug/L	93
19) 1,1-Dichloroethane	3.269	63	140594	5.707	ug/L	97
21) 2-Butanone	4.153	43	82764	37.937	ug/L	# 70
22) cis-1,2-Dichloroethene	3.979	96	416629	27.192	ug/L	89
23) Bromochloromethane	4.314	128	37515	5.789	ug/L	# 84
25) Chloroform	4.439	83	144344	5.589	ug/L	99

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27) 1,2-Dichloroethane	5.182	62	66915	5.030	ug/L	98
29) 1,1,1-Trichloroethane	4.661	97	139013	4.553	ug/L	94
30) Cyclohexane	4.719	56	102626	3.307	ug/L	87
31) Carbon tetrachloride	4.870	117	116642	4.436	ug/L	100
33) Benzene	5.137	78	301947	3.798	ug/L	100
34) Trichloroethene	5.905	95	72061	3.540	ug/L	96
35) Methylcyclohexane	6.098	83	110639	3.093	ug/L	89
37) 1,2-Dichloropropane	6.166	63	40069	2.185	ug/L #	91
38) Bromodichloromethane	6.513	83	104031	4.480	ug/L	99
39) cis-1,3-Dichloropropene	7.101	75	103490	4.043	ug/L	99
40) 4-Methyl-2-pentanone	7.320	43	441328	55.944	ug/L	94
42) Toluene	7.448	91	471412	5.488	ug/L	100
44) trans-1,3-Dichloropropene	7.706	75	74102	3.729	ug/L	97
45) 1,1,2-Trichloroethane	7.892	97	65622	5.467	ug/L	98
47) Tetrachloroethene	8.018	164	88387	5.423	ug/L	99
48) 2-Hexanone	8.201	43	324759	58.769	ug/L	98
49) Dibromochloromethane	8.288	129	64410	4.439	ug/L	96
50) 1,2-Dibromoethane	8.394	107	59205	5.309	ug/L #	95
51) Chlorobenzene	8.908	112	291445	5.488	ug/L	99
52) Ethylbenzene	9.037	91	494789	5.533	ug/L	99
53) m,p-Xylene	9.159	106	192990	5.426	ug/L	98
54) o-Xylene	9.561	106	187552	5.547	ug/L	95
55) Styrene	9.577	104	310397	5.474	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.252	83	73413	5.248	ug/L	99
59) Bromoform	9.747	173	29728	3.953	ug/L	100
60) Isopropylbenzene	9.944	105	494332	5.521	ug/L	100
61) 1,2,3-Trichloropropane	10.284	75	50111	5.316	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	415095	5.473	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	428747	5.643	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	232109	5.518	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	229809	5.434	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	203943	5.396	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	8103	4.369	ug/L	94
69) 1,3,5-Trichlorobenzene	12.638	180	159683	4.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	133463	5.437	ug/L	100
71) Naphthalene	13.493	128	214371	6.768	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	117444	5.649	ug/L	100

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

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