

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026043.D
 Acq On : 09 Jun 2022 00:13
 Operator : SY/MD
 Sample : N3188-03MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B00MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 05:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	197095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	185720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	52701	4.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.580	69	55328	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.121	63	118651	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.915	46	91324	53.368	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.740%
24) Chloroform-d	4.362	84	130166	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.043	65	47477	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.059	84	220719	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.075	67	69221	4.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.320	98	192441	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.625	79	18816	4.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.091	63	86945	48.334	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46362	4.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	66932	4.692	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	78379	4.041	ug/L	97
3) Chloromethane	1.252	50	106622	4.909	ug/L	99
5) Vinyl chloride	1.323	62	107411	4.736	ug/L	97
6) Bromomethane	1.535	94	60296	4.586	ug/L	97
8) Chloroethane	1.596	64	66120	4.740	ug/L	98
9) Trichlorofluoromethane	1.764	101	127645	4.415	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	63010	3.825	ug/L	99
12) 1,1-Dichloroethene	2.130	96	72652	4.582	ug/L	95
13) Acetone	2.204	43	61351	44.955	ug/L	76
14) Carbon disulfide	2.304	76	207895	4.596	ug/L	99
15) Methyl Acetate	2.455	43	22360m	5.013	ug/L	
16) Methylene chloride	2.519	84	70147	4.441	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	121789	4.732	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	68980	4.614	ug/L	100
19) 1,1-Dichloroethane	3.201	63	129178	4.750	ug/L	98
21) 2-Butanone	3.998	43	97691	54.954	ug/L	96
22) cis-1,2-Dichloroethene	3.924	96	69385	4.708	ug/L	92
23) Bromochloromethane	4.262	128	29671	4.790	ug/L	96
25) Chloroform	4.384	83	399318	14.304	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	62971	4.562	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	114109	4.682	ug/L	100
30) Cyclohexane	4.686	56	90497	4.269	ug/L	99
31) Carbon tetrachloride	4.837	117	92321	4.613	ug/L	98
33) Benzene	5.108	78	296257	5.076	ug/L	100
34) Trichloroethene	5.921	95	71159	4.667	ug/L	99
35) Methylcyclohexane	6.136	83	84679	3.603	ug/L	99
37) 1,2-Dichloropropane	6.178	63	68678	4.855	ug/L	99
38) Bromodichloromethane	6.516	83	84881	4.967	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	78238	4.489	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	294235	50.922	ug/L	98
42) Toluene	7.390	91	311517	5.108	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	61846	4.529	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	44802	4.878	ug/L	98
47) Tetrachloroethene	7.976	164	55447	4.698	ug/L	97
48) 2-Hexanone	8.143	43	204383	49.831	ug/L	99
49) Dibromochloromethane	8.246	129	48368	4.824	ug/L	97
50) 1,2-Dibromoethane	8.355	107	39614	4.847	ug/L #	98
51) Chlorobenzene	8.882	112	180639	4.551	ug/L	98
52) Ethylbenzene	9.011	91	289149	4.524	ug/L	100
53) m,p-Xylene	9.140	106	115667	4.682	ug/L	96
54) o-Xylene	9.545	106	109096	4.645	ug/L	98
55) Styrene	9.561	104	187028	4.754	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	44931	4.569	ug/L	98
59) Bromoform	9.731	173	21883	5.003	ug/L	99
60) Isopropylbenzene	9.931	105	277629	4.481	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	34205	4.700	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	209626	4.272	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	217870	4.459	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	129902	4.413	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	128126	4.274	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	117935	4.530	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6312	4.881	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	80971	3.798	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	62564	3.937	ug/L	99
71) Naphthalene	13.503	128	104351	4.622	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55565	4.131	ug/L	96

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

