

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025700.D
 Acq On : 22 Apr 2022 22:56
 Operator : SY/MD
 Sample : N2492-20MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W6MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2022
 Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 23 02:04:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134969	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	86434	6.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 137.800%#	
7) Chloroethane-d5	1.574	69	75754	5.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 113.400%	
11) 1,1-Dichloroethene-d2	2.114	63	151431	6.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 120.400%	
20) 2-Butanone-d5	3.902	46	108951	71.379	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 142.760%#	
24) Chloroform-d	4.352	84	128061	6.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 135.000%#	
26) 1,2-Dichloroethane-d4	5.037	65	57629	7.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 141.000%#	
32) Benzene-d6	5.053	84	265203	6.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 138.200%#	
36) 1,2-Dichloropropane-d6	6.072	67	75652	7.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 141.400%#	
41) Toluene-d8	7.317	98	244069	6.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 137.200%#	
43) trans-1,3-Dichloroprop...	7.625	79	23967	6.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 133.400%#	
46) 2-Hexanone-d5	8.088	63	87661	69.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 138.960%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43868	6.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 129.800%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	72415	6.323	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 126.400%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	37371	3.065	ug/L	98
3) Chloromethane	1.246	50	60497	4.566	ug/L	99
5) Vinyl chloride	1.317	62	61214	4.089	ug/L	98
6) Bromomethane	1.529	94	36203	3.354	ug/L	97
8) Chloroethane	1.590	64	43026	3.723	ug/L	99
9) Trichlorofluoromethane	1.761	101	77077	3.666	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	39145	3.314	ug/L	95
12) 1,1-Dichloroethene	2.124	96	44858	3.832	ug/L	79
13) Acetone	2.188	43	54684	52.783	ug/L	93
14) Carbon disulfide	2.301	76	93612	3.341	ug/L	99
15) Methyl Acetate	2.449	43	13113	5.695	ug/L #	84
16) Methylene chloride	2.513	84	43451	3.828	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	76661	4.232	ug/L #	89
18) trans-1,2-Dichloroethene	2.767	96	39415	4.018	ug/L	96
19) 1,1-Dichloroethane	3.195	63	79053	4.758	ug/L	98
21) 2-Butanone	3.986	43	79389	55.457	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	59503	5.762	ug/L	89
23) Bromochloromethane	4.256	128	18573	4.332	ug/L	94
25) Chloroform	4.381	83	85943	4.900	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	44679	4.828	ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	69386	4.438	ug/L	98
30) Cyclohexane	4.683	56	47469	3.340	ug/L	97
31) Carbon tetrachloride	4.831	117	54504	4.122	ug/L	99
33) Benzene	5.104	78	178322	4.554	ug/L	100
34) Trichloroethene	5.915	95	273305	26.288	ug/L	97
35) Methylcyclohexane	6.133	83	51018	3.075	ug/L	95
37) 1,2-Dichloropropane	6.175	63	42710	4.715	ug/L	99
38) Bromodichloromethane	6.513	83	54381	4.836	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	53120	4.475	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	194304	53.572	ug/L	94
42) Toluene	7.387	91	194635	4.570	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	45399	4.923	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	28809	4.749	ug/L	95
47) Tetrachloroethene	7.985	164	20170379m	2478.174	ug/L	
48) 2-Hexanone	8.140	43	129066	51.062	ug/L	95
49) Dibromochloromethane	8.246	129	31080m	4.667	ug/L	
50) 1,2-Dibromoethane	8.355	107	23490	4.123	ug/L	96
51) Chlorobenzene	8.882	112	107573	3.955	ug/L	97
52) Ethylbenzene	9.011	91	170271	3.748	ug/L	99
53) m,p-Xylene	9.140	106	64967	3.761	ug/L	92
54) o-Xylene	9.545	106	64696	3.857	ug/L	98
55) Styrene	9.561	104	110283	4.043	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	28350	4.677	ug/L	99
59) Bromoform	9.731	173	13693	4.856	ug/L	95
60) Isopropylbenzene	9.931	105	158488	3.748	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	22526	5.007	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	64504	3.421	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	122819	3.615	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	75255	3.813	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	74438	3.715	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	72434	4.144	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4086	5.253	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	49747	3.313	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	38394	3.317	ug/L	99
71) Naphthalene	13.500	128	64970	3.826	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	34122	3.560	ug/L	96

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

Manual Integrations

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