

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028730.D
 Acq On : 27 Oct 2022 19:43
 Operator : SY/MD
 Sample : N5233-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA76

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 02:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	175650	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	158833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	70537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81979	6.711	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 134.200%#	
7) Chloroethane-d5	1.568	69	73636	7.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 142.600%#	
11) 1,1-Dichloroethene-d2	2.105	63	121632	5.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 103.000%	
20) 2-Butanone-d5	3.896	46	179633	64.488	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 128.980%	
24) Chloroform-d	4.346	84	131477	6.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 124.000%	
26) 1,2-Dichloroethane-d4	5.031	65	68997	6.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 128.200%	
32) Benzene-d6	5.047	84	270713	6.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 127.400%#	
36) 1,2-Dichloropropane-d6	6.069	67	88385	6.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 131.400%	
41) Toluene-d8	7.313	98	216477	6.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 130.600%#	
43) trans-1,3-Dichloroprop...	7.625	79	12000	2.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 57.400%	
46) 2-Hexanone-d5	8.088	63	116932	60.133	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 120.260%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	57712	6.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 129.400%#	
66) 1,2-Dichlorobenzene-d4	11.615	152	69391	7.132	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 142.600%#	
Target Compounds						
2) Dichlorodifluoromethane	1.127	85	3728	0.503	ug/L	98
5) Vinyl chloride	1.310	62	151859	11.052	ug/L	97
8) Chloroethane	1.584	64	7601	0.814	ug/L #	59
12) 1,1-Dichloroethene	2.114	96	8806	0.912	ug/L #	1
13) Acetone	2.188	43	13018m	7.874	ug/L	
14) Carbon disulfide	2.291	76	7960	0.357	ug/L #	93
16) Methylene chloride	2.506	84	3952	0.297	ug/L	93
18) trans-1,2-Dichloroethene	2.761	96	6499	0.669	ug/L	86
19) 1,1-Dichloroethane	3.188	63	19508	0.832	ug/L #	94
22) cis-1,2-Dichloroethene	3.902	96	808225	69.390	ug/L #	99
30) Cyclohexane	4.674	56	45828	2.315	ug/L	97
33) Benzene	5.092	78	6967184	146.769	ug/L	100
35) Methylcyclohexane	6.130	83	16078	0.990	ug/L	95
42) Toluene	7.387	91	108217	2.404	ug/L	99
51) Chlorobenzene	8.876	112	697569	24.612	ug/L	98
52) Ethylbenzene	9.008	91	487974	9.755	ug/L	98
53) m,p-Xylene	9.133	106	44150	2.444	ug/L	99
54) o-Xylene	9.538	106	21083	1.160	ug/L	98
60) Isopropylbenzene	9.924	105	140503	3.165	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.911	105	21413	0.597	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	29696	1.557	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	16301	0.932	ug/L	97

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

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