

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026737.D
 Acq On : 02 Feb 2022 15:24
 Operator : JC/MD
 Sample : N1357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Quant Time: Feb 03 03:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	123684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78791	45.603	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.200%
35) Dibromofluoromethane	5.397	113	64874	48.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.653	98	239925	49.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	87498	50.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.760%

Target Compounds						Qvalue
4) Vinyl Chloride	1.379	62	12606	8.968	ug/l	100
8) Diethyl Ether	2.135	74	87276	111.131	ug/l	96
16) Acetone	2.385	43	108769	123.447	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	1451	1.038	ug/l	94
24) 1,1-Dichloroethane	3.617	63	15572	5.976	ug/l	98
25) 2-Butanone	4.562	43	43869	38.285	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	125219	78.460	ug/l	88
31) Cyclohexane	5.488	56	1413	0.554	ug/l #	81
37) Ethyl Acetate	4.720	43	4310	2.009	ug/l #	75
39) Methylcyclohexane	7.378	83	1680	0.657	ug/l	88
40) Benzene	6.043	78	308171	52.572	ug/l	100
42) 1,2-Dichloroethane	6.092	62	6734m	2.936	ug/l	
44) Trichloroethene	7.128	130	10875	6.538	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	7913	3.850	ug/l	98
52) Toluene	8.720	92	756695	210.504	ug/l	99
59) 2-Hexanone	9.433	43	2456	1.561	ug/l	92
64) Tetrachloroethene	9.274	164	3120	1.801	ug/l	91
65) Chlorobenzene	10.079	112	23751	6.149	ug/l	99
67) Ethyl Benzene	10.195	91	347201	49.467	ug/l	99
68) m/p-Xylenes	10.305	106	175510	66.819	ug/l	97
69) o-Xylene	10.646	106	107589	42.449	ug/l	98
73) Isopropylbenzene	10.963	105	54949	8.313	ug/l	98
78) n-propylbenzene	11.305	91	45473	6.033	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	22448	4.120	ug/l	98
83) tert-Butylbenzene	11.719	119	2684	0.528	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	210281	38.582	ug/l	97
85) sec-Butylbenzene	11.890	105	8537	1.297	ug/l	95
86) p-Isopropyltoluene	12.012	119	4717	0.854	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	2854m	0.993	ug/l	
89) n-Butylbenzene	12.335	91	9665	2.040	ug/l #	67
91) 1,2-Dichlorobenzene	12.335	146	18157	6.769	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	4464	2.596	ug/l	90

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

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