

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059642.D
 Acq On : 28 Jun 2024 23:48
 Operator : MD/SY
 Sample : VU0629WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK005

Quant Time: Jun 29 01:51:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.255	114	415	5.000	ug/L	# 0.01
28) Chlorobenzene-d5	9.425	117	1535	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.817	152	1733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	103	3.569	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.660	46	20	3.365	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	6.720%#
24) Chloroform-d	5.065	84	80	1.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	27.000%#
26) 1,2-Dichloroethane-d4	5.702	65	110	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
32) Benzene-d6	5.730	84	395	0.935	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	18.800%#
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.000%#
41) Toluene-d8	7.910	98	472	1.202	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	24.000%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.663	63	193	11.459	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	22.920%#
56) 1,1,2,2-Tetrachloroeth...	10.762	84	361	3.375	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.600%
66) 1,2-Dichlorobenzene-d4	12.200	152	1210	3.923	ug/L	0.01
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	20	0.569	ug/L #	41
3) Chloromethane	1.522	50	312	8.243	ug/L #	42
5) Vinyl chloride	1.596	62	303	7.247	ug/L #	76
6) Bromomethane	1.862	94	152	5.229	ug/L #	5
9) Trichlorofluoromethane	2.129	101	107	2.126	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	46	1.444	ug/L #	21
12) 1,1-Dichloroethene	2.570	96	72	2.446	ug/L #	59
13) Acetone	2.647	43	793	205.660	ug/L	51
14) Carbon disulfide	2.788	76	2007	20.438	ug/L #	94
15) Methyl Acetate	2.962	43	79	7.764	ug/L #	51
16) Methylene chloride	3.039	84	2191	62.819	ug/L	78
18) trans-1,2-Dichloroethene	3.348	96	324	10.585	ug/L #	68
21) 2-Butanone	4.782	43	66	10.672	ug/L #	47
22) cis-1,2-Dichloroethene	4.657	96	42	1.245	ug/L #	1
25) Chloroform	5.084	83	407	6.846	ug/L	84
33) Benzene	5.775	78	442	0.948	ug/L	100
34) Trichloroethene	6.541	95	397	3.145	ug/L #	69
38) Bromodichloromethane	7.110	83	71	0.472	ug/L #	26
39) cis-1,3-Dichloropropene	7.611	75	66	0.400	ug/L #	43

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40) 4-Methyl-2-pentanone	7.798	43	1475	26.388	ug/L #	66
42) Toluene	7.972	91	695	1.408	ug/L	97
44) trans-1,3-Dichloropropene	8.216	75	123	0.929	ug/L #	43
47) Tetrachloroethene	8.550	164	318	3.246	ug/L #	42
48) 2-Hexanone	8.701	43	2866	71.843	ug/L #	87
49) Dibromochloromethane	8.560	129	132	1.340	ug/L #	12
51) Chlorobenzene	9.454	112	502	1.604	ug/L #	80
52) Ethylbenzene	9.573	91	1075	2.123	ug/L	100
53) m,p-Xylene	9.698	106	45	0.231	ug/L	73
54) o-Xylene	10.090	106	20	0.108	ug/L	68
55) Styrene	10.132	104	453	1.442	ug/L #	30
57) 1,1,2,2-Tetrachloroethane	10.778	83	237	2.198	ug/L #	85
60) Isopropylbenzene	10.486	105	878	0.820	ug/L #	85
61) 1,2,3-Trichloropropane	10.823	75	241	1.505	ug/L #	57
62) 1,3,5-Trimethylbenzene	11.476	105	822	0.969	ug/L	98
63) 1,2,4-Trimethylbenzene	11.476	105	822	1.014	ug/L	96
64) 1,3-Dichlorobenzene	11.753	146	1391	2.555	ug/L #	85
65) 1,4-Dichlorobenzene	11.843	146	1359	2.425	ug/L	94
67) 1,2-Dichlorobenzene	12.213	146	1561	3.046	ug/L	87
68) 1,2-Dibromo-3-chloropr...	13.007	75	22	0.704	ug/L #	35
69) 1,3,5-Trichlorobenzene	13.222	180	1956	4.853	ug/L	93
70) 1,2,4-trichlorobenzene	13.846	180	3507	11.343	ug/L	93
71) Naphthalene	14.090	128	9967	22.523	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	3829	13.338	ug/L	97

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

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