

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037359.D
 Acq On : 30 Aug 2023 00:37
 Operator : JC/MD
 Sample : VX0829WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

Quant Time: Aug 30 02:11:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

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

Internal Standards						08/30/2023
1) Pentafluorobenzene	5.556	168	124087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105885	50.000	ug/l	0.00
System Monitoring Compounds						08/31/2023
33) 1,2-Dichloroethane-d4	5.952	65	97180	54.323	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.640%
35) Dibromofluoromethane	5.385	113	82676	56.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.860%
50) Toluene-d8	8.653	98	287751	54.144	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.280%
62) 4-Bromofluorobenzene	11.079	95	118031	56.514	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28937	20.075	ug/l	98
3) Chloromethane	1.300	50	28163	22.333	ug/l	99
4) Vinyl Chloride	1.373	62	28316	20.629	ug/l	96
5) Bromomethane	1.599	94	13255	19.386	ug/l	98
6) Chloroethane	1.678	64	18398	22.777	ug/l	99
7) Trichlorofluoromethane	1.885	101	43644	19.411	ug/l	100
8) Diethyl Ether	2.135	74	18083	20.787	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.324	101	24520	18.693	ug/l	97
10) Methyl Iodide	2.452	142	24603	15.433	ug/l	94
11) Tert butyl alcohol	2.965	59	43766	104.293	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	24592	19.252	ug/l	84
13) Acrolein	2.233	56	23530	73.706	ug/l	98
14) Allyl chloride	2.666	41	36759	18.592	ug/l #	89
15) Acrylonitrile	3.062	53	80787	107.858	ug/l	99
16) Acetone	2.379	43	68347	97.660	ug/l #	89
17) Carbon Disulfide	2.507	76	56946	17.527	ug/l	99
18) Methyl Acetate	2.702	43	53267	20.215	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	95096	19.630	ug/l	99
20) Methylene Chloride	2.788	84	31329	20.018	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	27750	19.111	ug/l	86
22) Diisopropyl ether	3.763	45	79924	19.700	ug/l #	86
23) Vinyl Acetate	3.720	43	296422	95.343	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	50740	19.944	ug/l	96
25) 2-Butanone	4.556	43	105417	100.039	ug/l #	88
26) 2,2-Dichloropropane	4.470	77	26299	11.575	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	33728	19.703	ug/l	85
28) Bromochloromethane	4.903	49	25350	22.305	ug/l #	77
29) Tetrahydrofuran	5.007	42	67586	100.572	ug/l #	83
30) Chloroform	5.092	83	55935	19.585	ug/l	97
31) Cyclohexane	5.470	56	38067	18.925	ug/l #	88
32) 1,1,1-Trichloroethane	5.385	97	48544	18.968	ug/l	96
36) 1,1-Dichloropropene	5.696	75	37119	17.833	ug/l	97
37) Ethyl Acetate	4.714	43	39443	18.550	ug/l #	92
38) Carbon Tetrachloride	5.677	117	40576	17.945	ug/l	96
39) Methylcyclohexane	7.384	83	43130	19.722	ug/l	88
40) Benzene	6.037	78	117272	19.644	ug/l	99

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41) Methacrylonitrile	4.921	41	21685	19.618	ug/l	#	86
42) 1,2-Dichloroethane	6.086	62	43408	18.542	ug/l		94
43) Isopropyl Acetate	6.342	43	62720	18.580	ug/l	#	90
44) Trichloroethene	7.128	130	30221	17.853	ug/l		99
45) 1,2-Dichloropropane	7.433	63	29127	19.788	ug/l		97
46) Dibromomethane	7.580	93	22026	18.995	ug/l		94
47) Bromodichloromethane	7.823	83	41332	18.609	ug/l		97
48) Methyl methacrylate	7.695	41	30412	18.473	ug/l	#	84
49) 1,4-Dioxane	7.665	88	19031	429.232	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.573	43	204530	99.778	ug/l		90
52) Toluene	8.720	92	75669	19.184	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	39410	16.664	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	43933	17.191	ug/l	#	86
55) 1,1,2-Trichloroethane	9.152	97	32140	20.011	ug/l		97
56) Ethyl methacrylate	9.116	69	48605	19.320	ug/l	#	84
57) 1,3-Dichloropropane	9.311	76	53785	19.865	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	133052	110.205	ug/l		93
59) 2-Hexanone	9.433	43	157888	101.019	ug/l		88
60) Dibromochloromethane	9.524	129	32584	19.054	ug/l		98
61) 1,2-Dibromoethane	9.610	107	34629	19.692	ug/l		100
64) Tetrachloroethene	9.274	164	25969	17.235	ug/l		99
65) Chlorobenzene	10.079	112	84133	19.273	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.164	131	31520	19.564	ug/l		98
67) Ethyl Benzene	10.195	91	144517	18.814	ug/l		99
68) m/p-Xylenes	10.299	106	112110	37.794	ug/l		99
69) o-Xylene	10.640	106	56065	19.157	ug/l		100
70) Styrene	10.658	104	92715	19.232	ug/l		97
71) Bromoform	10.798	173	22138	18.370	ug/l	#	99
73) Isopropylbenzene	10.963	105	145858	18.952	ug/l		99
74) N-amyl acetate	10.841	43	54288	18.154	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	52346	20.196	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	41535m	18.419	ug/l		
77) Bromobenzene	11.201	156	35355	18.810	ug/l		93
78) n-propylbenzene	11.304	91	161736	18.873	ug/l		100
79) 2-Chlorotoluene	11.365	91	103476	18.894	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	125276	19.513	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	10778	13.350	ug/l		94
82) 4-Chlorotoluene	11.457	91	117194	18.538	ug/l		99
83) tert-Butylbenzene	11.713	119	126487	20.659	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	125903	19.404	ug/l		98
85) sec-Butylbenzene	11.890	105	149151	20.856	ug/l		99
86) p-Isopropyltoluene	12.006	119	124248	20.182	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	64971	18.463	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	66857	18.389	ug/l		99
89) n-Butylbenzene	12.335	91	99808	19.554	ug/l		99
90) Hexachloroethane	12.536	117	20789	20.231	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	68175	19.784	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	11331	18.814	ug/l		80
93) 1,2,4-Trichlorobenzene	13.585	180	39274	19.478	ug/l		97
94) Hexachlorobutadiene	13.725	225	16676	21.409	ug/l		98
95) Naphthalene	13.774	128	146293	16.564	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	40095	20.015	ug/l		99

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

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

08/30/2023
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Dadoda

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